

State of California
The Resources Agency

DEPARTMENT OF WATER RESOURCES
Division of Operations and Maintenance

STATE WATER PROJECT OPERATIONS DATA

For the month of:

**March
2007**

Edmund G. Brown Jr.
Governor
State of California

John Laird
Secretary for Resources
The Resources Agency

Mark Cowin
Director
Department of Water Resources

This monthly report of operational data for the State Water Project has been published since January 1965. Monthly SWP Operations Data Reports from January 1990 have been made available on the Internet at <http://www.water.ca.gov/swp/operationscontrol/projectwide.cfm>. It provides the State Water Service Contractors, public agencies, consultants and others with the daily and monthly status of the Project's water and power operations.

Revisions to these data will appear in the Annual Report of Operations reflecting corrections made after the monthly summaries have been printed.

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The organization shown above represents staff and positions relevant to this report as of publication date on December 2011. It is the Department's policy to not show staff in "Acting" or "Temporary" positions.

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MONTHLY HIGHLIGHTS

The following highlights are activities or actions that impacted State Water Project operations during the month of March 2007.

Statewide precipitation was about 65 percent of average for the 2006 - 2007 water year through the end of March. Statewide runoff was 60 percent of average for the water year. Precipitation percentages are used in this report to express historical and regional comparisons. Additional and more specific information is available via the internet at: "http://cdec.water.ca.gov/snow_rain.html".

Snow pack water content overall was about 40 percent of average at the end of March 2007. This was a loss of 20 percentage points during March instead of the usual gain. This is the lowest end of March snow pack since 1988. In 2006, on this date, the snow pack was 125 percent of average.

Runoff was about 60 percent of average through March 2007 for the season, compared to 155 percent at this time in 2006. Runoff in the north was better than in the south. March runoff was 65 percent of average. Estimated runoff of the eight major rivers of the Sacramento and San Joaquin River regions during March 2007 was 2.1 maf.

Total storage in major SWP reservoirs at the end of March 2007 was about 4.73 maf, compared with about 4.59 maf at this time in 2006. On March 31, 2001, storage at Lake Oroville was about 3.12 maf as compared to 2.89 maf at this time in 2006. The State's share of San Luis Reservoir storage was about 1.03 maf, as compared with 1.06 maf at this time in 2006. The combined storage in SWP's southern reservoirs was about 575 taf, compared with about 624 taf at this time in 2006.

SWP water deliveries for March 2007 were about 377 taf. This is a combination of project, transfer, and exchange waters. Total deliveries for the year through March was 999 taf, about 62 taf more than that delivered during the same period in 2006.

The Coordinated Operations Agreement (COA) remained in "Excess" conditions throughout the month of March 2007. In December 2006, the United States Bureau of Reclamation and the California Department of Water Resources agreed that the accumulated USBR-COA account balance be eliminated (zeroed out) because of flood control operations, this "zero" balance remained through the end of March.

On March 9, Lake Oroville storage reached 2,977,742 af, this is about 20.5 taf encroached into the flood control reservations space.

Table 1. Antelope Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 22,566 ac-ft

March 2007

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs					Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage		
				Stream-flow Maint.	Water Supply Contract	Water Right				
Feb 28	4996.28	17,596								
1	4996.31	17,621	25	5	0	0	0	2	7	
2	4996.34	17,645	24	5	0	0	0	2	7	
3	4996.36	17,661	16	5	0	0	0	2	7	
4	4996.40	17,693	32	5	0	0	0	2	7	
5	4996.43	17,737	44	5	0	0	0	2	7	
6	4996.49	17,766	29	5	0	0	0	2	7	
7	4996.54	17,807	41	5	0	0	0	2	7	
8	4996.61	17,863	56	5	0	0	0	2	7	
9	4996.70	17,937	74	5	0	0	0	2	7	
10	4996.78	18,002	65	5	0	0	0	2	7	
11	4996.89	18,092	90	5	0	0	0	2	7	
12	4997.03	18,207	115	5	0	0	0	2	7	
13	4997.21	18,355	148	5	0	0	0	2	7	
14	4997.46	18,562	207	5	0	0	0	2	7	
15	4997.70	18,762	200	5	0	0	0	2	7	
16	4997.93	18,955	193	5	0	0	0	2	7	
17	4998.21	19,191	236	5	0	0	0	2	7	
18	4998.41	19,362	171	5	0	0	0	2	7	
19	4998.68	19,592	230	5	0	0	0	2	7	
20	4998.91	19,790	198	5	0	0	0	2	7	
21	4999.08	19,938	148	5	0	0	0	1	6	
22	4999.22	20,059	121	5	0	0	0	1	6	
23	4999.35	20,172	113	5	0	0	0	1	6	
24	4999.50	20,304	132	5	0	0	0	1	6	
25	4999.68	20,462	158	5	0	0	0	1	6	
26	4999.94	20,692	230	5	0	0	0	1	6	
27	5000.08	20,823	131	5	0	0	0	1	6	
28	5000.21	20,939	116	5	0	0	0	1	6	
29	5000.33	21,045	106	5	0	0	0	1	6	
30	5000.46	21,161	116	5	0	0	0	1	6	
31	5000.61	21,296	135	5	0	0	0	1	6	
Total cfs-days				---	155	0	0	51	206	
Total ac-ft				3,700	307	0	0	102	409	
									2,072	
									4,109	

Table 2. Frenchman Lake

Daily Operation
(in acre-feet except as noted)

Capacity: 55,477 ac-ft

March 2007

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs					Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage		
				Stream-flow Maint.	Water Supply Contract 1/	Water Right				
Feb 28	5580.14	43,906								
1	5580.15	43,920	14	2	0	0	0	3	5	
2	5580.15	43,920	0	2	0	0	0	3	5	
3	5580.16	43,934	14	2	0	0	0	3	5	
4	5580.17	43,948	14	2	0	0	0	3	5	
5	5580.18	43,961	13	2	0	0	0	3	5	
6	5580.19	43,975	14	2	0	0	0	3	5	
7	5580.22	44,016	41	2	0	0	0	3	5	
8	5580.26	44,112	96	2	0	0	0	3	5	
9	5580.29	44,112	0	2	0	0	0	3	5	
10	5580.32	44,153	41	2	0	0	0	3	5	
11	5580.35	44,195	42	2	0	0	0	3	5	
12	5580.39	44,250	55	2	0	0	0	3	5	
13	5580.45	44,332	82	2	0	0	0	3	5	
14	5580.52	44,429	97	2	0	0	0	3	5	
15	5580.54	44,457	28	2	0	0	0	3	5	
16	5580.59	44,526	69	2	0	0	0	3	5	
17	est5580.64	44,595	69	2	0	0	0	3	5	
18	est5580.68	44,650	55	2	0	0	0	3	5	
19	5580.70	44,678	28	2	0	0	0	3	5	
20	5580.73	44,719	41	2	0	0	0	3	5	
21	5580.76	44,761	42	2	0	0	0	3	5	
22	5580.77	44,775	14	2	0	0	0	2	4	
23	5580.80	44,816	41	2	0	0	0	2	4	
24	5580.82	44,844	28	2	0	0	0	2	4	
25	5580.85	44,886	42	2	0	0	0	2	4	
26	5580.91	44,969	83	2	0	0	0	2	4	
27	5580.96	45,039	70	2	0	0	0	2	4	
28	5580.96	45,039	0	2	0	0	0	2	4	
29	5580.98	45,066	27	2	0	0	0	2	4	
30	5581.01	45,108	42	2	0	0	0	2	4	
31	5581.03	45,136	28	2	0	0	0	2	4	
Total cfs-days				---	62	0	0	83	145	
Total ac-ft				1,230	123	0	0	165	288	
									1,518	

1/ Last Chance Creek Water District

Table 3. Lake Davis

Daily Operation
(in acre-feet except as noted)

Capacity: 84,371 ac-ft

March 2007

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs					Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage		
				Stream-flow Maint.	Water Supply Contract	Water Right 1/				
Feb 28	5765.58	51,032								
1	5765.56	50,971	-61	23	0	0.4	0	6	29	
2	5765.53	50,880	-91	23	0	0.4	0	6	29	
3	5765.51	50,820	-60	23	0	0.4	0	6	29	
4	5765.49	50,759	-61	23	0	0.4	0	6	29	
5	5765.46	50,668	-91	23	0	0.4	0	6	29	
6	5765.45	50,638	-30	23	0	0.4	0	6	29	
7	5765.43	50,578	-60	23	0	0.4	0	6	29	
8	5765.44	50,608	30	23	0	0.4	0	6	29	
9	5765.43	50,578	-30	23	0	0.4	0	6	29	
10	5765.42	50,547	-31	23	0	0.4	0	6	29	
11	5765.42	50,547	0	23	0	0.4	0	6	29	
12	5765.42	50,547	0	23	0	0.4	0	6	29	
13	5765.46	50,668	121	23	0	0.4	0	6	29	
14	5765.51	50,820	152	23	0	0.4	0	6	29	
15	5765.57	51,002	182	23	0	0.4	0	6	29	
16	5765.63	51,184	182	23	0	0.4	0	6	29	
17	5765.67	51,306	122	23	0	0.4	0	6	29	
18	5765.67	51,306	0	23	0	0.4	0	6	29	
19	5765.74	51,520	214	23	0	0.4	0	6	29	
20	5765.81	51,734	214	23	0	0.4	0	6	29	
21	5765.82	51,764	30	23	0	0.4	0	6	29	
22	5765.82	51,764	0	23	0	0.4	0	6	29	
23	5765.83	51,795	31	23	0	0.4	0	6	29	
24	5765.84	51,826	31	23	0	0.4	0	6	29	
25	5765.84	51,826	0	23	0	0.4	0	6	29	
26	5765.94	52,188	362	23	0	0.4	0	6	29	
27	5765.98	52,256	68	23	0	0.4	0	6	29	
28	5765.96	52,195	-61	23	0	0.4	0	6	29	
29	5765.96	52,195	0	23	0	0.4	0	6	29	
30	5765.98	52,256	61	23	0	0.4	0	6	29	
31	5765.98	52,256	0	23	0	0.4	0	6	29	
Total cfs-days				---	701	0	12	0	186	
Total ac-ft				1,224	1,390	0	25	0	368	
									1,782	
									3,006	

1/ Includes unclassified non-project diversions to local agencies (Valberti and Romelli)

Table 4. Lake Oroville

Daily Operation

(in acre-feet except as noted)

Capacity: 3,537,580 ac-ft

March 2007

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow							Inflow	
				Hyatt Powerplant Generation 1/	Palermo Canal 2/	Lime Saddle Marina	Butte County Del Oro	Evaporation 3/	Spill	Total Outflow	Hyatt Powerplant Pumpback	Computed Inflow 4/
5	Feb 28	864.61	3,009,168									
	1	863.78	2,997,496	-11,672	22,969	0	0	0	32	0	23,001	0
	2	862.84	2,984,316	-13,180	20,443	0	0	0	68	0	20,511	0
	3	862.20	2,975,366	-8,950	17,386	0	0	0	91	0	17,477	0
	4	862.17	2,974,947	-419	10,837	0	0	0	144	0	10,981	0
	5	861.67	2,967,969	-6,978	14,164	0	0	0	121	0	14,285	0
	6	861.15	2,960,724	-7,245	18,170	0	0	0	128	0	18,298	0
	7	861.61	2,967,132	6,408	3,144	0	0	0	121	0	3,265	0
	8	862.00	2,972,573	5,441	5,192	0	0	0	53	0	5,245	0
	9	862.37	2,977,742	5,169	6,084	0	0	0	106	0	6,190	0
	10	862.75	2,983,057	5,315	5,198	0	0	0	68	0	5,266	0
	11	863.14	2,988,518	5,461	4,392	0	0	0	106	0	4,498	0
	12	863.07	2,987,537	-981	11,260	3	0	0	159	0	11,422	0
	13	863.45	2,992,865	5,328	9,311	5	0	0	174	0	9,490	0
	14	863.98	3,000,306	7,441	6,271	6	0	0	159	0	6,436	0
	15	864.37	3,005,790	5,484	9,068	2	0	0	190	0	9,260	0
	16	865.01	3,014,804	9,014	4,916	0	0	0	183	0	5,099	0
	17	865.71	3,024,686	9,882	4,016	0	0	0	183	0	4,199	0
	18	866.56	3,036,715	12,029	951	0	0	0	161	0	1,112	0
	19	867.06	3,043,807	7,092	5,209	0	0	0	115	0	5,324	0
	20	867.69	3,052,760	8,953	4,025	0	0	0	161	0	4,186	0
	21	868.34	3,062,016	9,256	2,401	0	0	0	38	0	2,439	15
	22	868.95	3,070,721	8,705	3,026	0	0	0	262	0	3,288	1,382
	23	869.44	3,077,726	7,005	4,341	0	0	0	178	0	4,519	1,328
	24	869.96	3,085,172	7,446	2,889	0	0	0	155	0	3,044	1,554
	25	870.56	3,093,780	8,608	2,253	0	0	0	124	0	2,377	1,515
	26	871.23	3,103,412	9,632	3,954	0	0	0	116	0	4,070	1,545
	27	871.94	3,113,642	10,230	2,907	0	0	0	47	0	2,954	1,534
	28	872.07	3,115,518	1,876	9,398	0	0	0	125	0	9,523	1,128
	29	871.81	3,111,767	-3,751	12,757	0	0	1	180	0	12,938	0
	30	872.25	3,118,116	6,349	4,110	0	0	1	211	0	4,322	1,044
	31	872.62	3,123,462	5,346	3,367	0	0	1	188	0	3,556	0
Total				114,294	234,409	18	0	3	4,147	0	238,577	11,045
341,826												

1/ Includes bypass flows

2/ South Feather Water and Power Agency

3/ Evaporation will be zero for days when there is precipitation or heavy overcast.

4/ Does not include pumpback.

**Table 5. Thermalito Forebay
Including Diversion Pool and Power Canal**

Capacity: 25,120 ac-ft

Daily Operation
(in acre-feet except as noted)

March 2007

Date	Storage 1/	Storage Change	Inflow			Outflow					Losses (-) And Gains (+)
			Lake Oroville Releases 2/	Kelly Ridge Generation	Thermalito Pumping- Generating Plant Pumpback	Thermalito Pumping- Generating Plant Generation 3/	Butte County Cal Water	Thermalito Irrigation District	Releases To River 4/	Hyatt Powerplant Pumpback	
Feb 28	23,354										
1	23,130	-224	22,969	511	0	22,898	2	4	1,339	0	539
2	23,490	360	20,443	511	0	19,684	2	4	1,341	0	437
3	23,792	302	17,386	511	0	16,668	2	4	1,331	0	410
4	23,825	33	10,837	511	0	10,200	2	4	1,331	0	222
5	23,721	-104	14,164	511	0	13,662	2	4	1,345	0	234
6	23,535	-186	18,170	511	0	18,000	2	4	1,339	0	478
7	23,949	414	3,144	512	0	2,006	2	4	1,345	0	115
8	23,718	-231	5,192	511	0	4,720	2	4	1,353	0	145
9	23,687	-31	6,084	511	0	5,418	2	4	1,353	0	151
10	23,723	36	5,198	511	0	4,582	2	4	1,353	0	268
11	23,645	-78	4,392	265	0	3,790	2	4	1,343	0	404
12	23,662	17	11,260	510	0	10,543	2	4	1,341	0	137
13	23,455	-207	9,311	510	0	8,896	2	4	1,347	0	221
14	23,610	155	6,271	511	0	5,502	2	4	1,343	0	224
15	23,738	128	9,068	510	0	8,232	3	4	1,345	0	134
16	23,927	189	4,916	510	0	4,022	3	4	1,335	0	127
17	23,904	-23	4,016	509	0	3,416	3	4	1,331	0	206
18	23,161	-743	951	244	0	678	3	4	1,327	0	74
19	23,722	561	5,209	244	0	3,424	3	4	1,327	0	-134
20	23,749	27	4,025	128	0	3,070	3	4	1,329	0	280
21	23,615	-134	2,401	72	0	1,316	3	4	1,315	15	46
22	23,865	250	3,026	159	1,966	2,132	3	4	1,311	1,382	-69
23	23,595	-270	4,341	138	1,605	3,872	3	4	1,309	1,328	162
24	23,672	77	2,889	177	1,993	2,218	3	4	1,313	1,554	110
25	23,650	-22	2,253	181	1,907	1,618	3	4	1,311	1,515	88
26	23,669	19	3,954	157	1,898	3,228	3	4	1,311	1,545	101
27	23,652	-17	2,907	126	1,901	2,182	3	4	1,307	1,534	79
28	23,784	132	9,398	188	1,443	8,540	3	4	1,307	1,128	85
29	23,569	-215	12,757	106	0	11,970	3	4	1,299	0	198
30	23,404	-165	4,110	141	1,374	3,485	3	5	1,291	1,044	38
31	23,823	419	3,367	177	0	1,870	3	5	1,283	0	36
Total		469	234,409	10,674	14,087	211,842	79	126	41,155	11,045	5,546

1/ Sum of Thermalito Forebay and Diversion Pool.

3/ Includes Bypass flows at Thermalito.

2/ Sum of releases from Lake Oroville through Hyatt plant, and spill.

4/ The sum of the flows from fish barrier dam and the fish hatchery.

Table 6. Thermalito Afterbay

Daily Operation

(in acre-feet except as noted)

Capacity: 57,040 ac-ft

March 2007

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow					Losses (-) and Gains (+)	Total Releases to River 2/
				Thermalito Pumping-Generating Plant Generation 1/	Sutter Butte Canal	Western Canal Lateral	Richvale Canal	Western Canal	Afterbay River Outlet	Thermalito Pumping-Generating Plant Pumpback		
Feb 28	131.12	35,975										
1	132.33	40,331	4,356	22,898	0	0	0	0	18,744	0	202	20,083
2	132.72	41,784	1,453	19,684	0	0	0	0	18,724	0	493	20,065
3	132.30	40,220	-1,564	16,668	0	0	0	0	18,724	0	492	20,055
4	130.06	32,351	-7,869	10,200	0	0	0	0	18,724	0	655	20,055
5	129.52	30,575	-1,776	13,662	0	0	0	0	16,047	0	609	17,392
6	131.81	38,430	7,855	18,000	0	0	0	0	10,949	0	804	12,288
7	130.39	33,460	-4,970	2,006	0	0	0	0	7,795	0	819	9,140
8	129.89	31,787	-1,673	4,720	0	0	0	0	6,288	0	-105	7,641
9	129.88	31,754	-33	5,418	0	0	0	0	5,316	0	-135	6,669
10	129.91	31,853	99	4,582	0	0	0	0	4,284	0	-199	5,637
11	129.92	31,886	33	3,790	0	0	0	0	3,749	0	-8	5,092
12	131.74	38,178	6,292	10,543	0	0	0	0	3,749	0	-502	5,090
13	133.07	43,108	4,930	8,896	0	0	0	0	3,749	0	-217	5,096
14	133.45	44,568	1,460	5,502	0	0	0	0	3,749	0	-293	5,092
15	134.54	48,872	4,304	8,232	0	0	0	0	3,531	0	-397	4,876
16	134.70	49,518	646	4,022	0	0	0	0	3,134	0	-242	4,469
17	134.81	49,964	446	3,416	0	0	0	0	2,757	0	-213	4,088
18	134.35	48,110	-1,854	678	0	0	0	0	2,400	0	-132	3,727
19	134.60	49,114	1,004	3,424	0	0	0	0	2,261	0	-159	3,588
20	134.69	49,477	363	3,070	0	0	0	0	2,241	0	-466	3,570
21	134.39	48,270	-1,207	1,316	0	0	0	0	2,241	0	-282	3,556
22	133.87	46,208	-2,062	2,132	0	0	0	0	2,241	1,966	13	3,552
23	133.80	45,932	-276	3,872	0	0	0	0	2,261	1,605	-282	3,570
24	133.26	43,836	-2,096	2,218	0	0	0	0	2,261	1,993	-60	3,574
25	132.49	40,924	-2,912	1,618	0	0	0	0	2,261	1,907	-362	3,572
26	132.22	39,925	-999	3,228	0	0	0	0	2,261	1,898	-68	3,572
27	131.58	37,603	-2,322	2,182	0	0	0	0	2,261	1,901	-342	3,568
28	132.59	41,297	3,694	8,540	0	0	0	0	3,451	1,443	48	4,758
29	134.34	48,070	6,773	11,970	0	0	0	0	4,760	0	-437	6,059
30	133.60	45,151	-2,919	3,485	0	0	0	0	4,741	1,374	-289	6,032
31	132.69	41,671	-3,480	1,870	0	0	0	0	5,256	0	-94	6,539
Total		5,696		211,842	0	0	0	0	190,910	14,087	-1,149	232,065

1/ Includes Bypass flows at Thermalito.

2/ The sum of the flows from the fish barrier dam, fish hatchery, and afterbay river outlet.

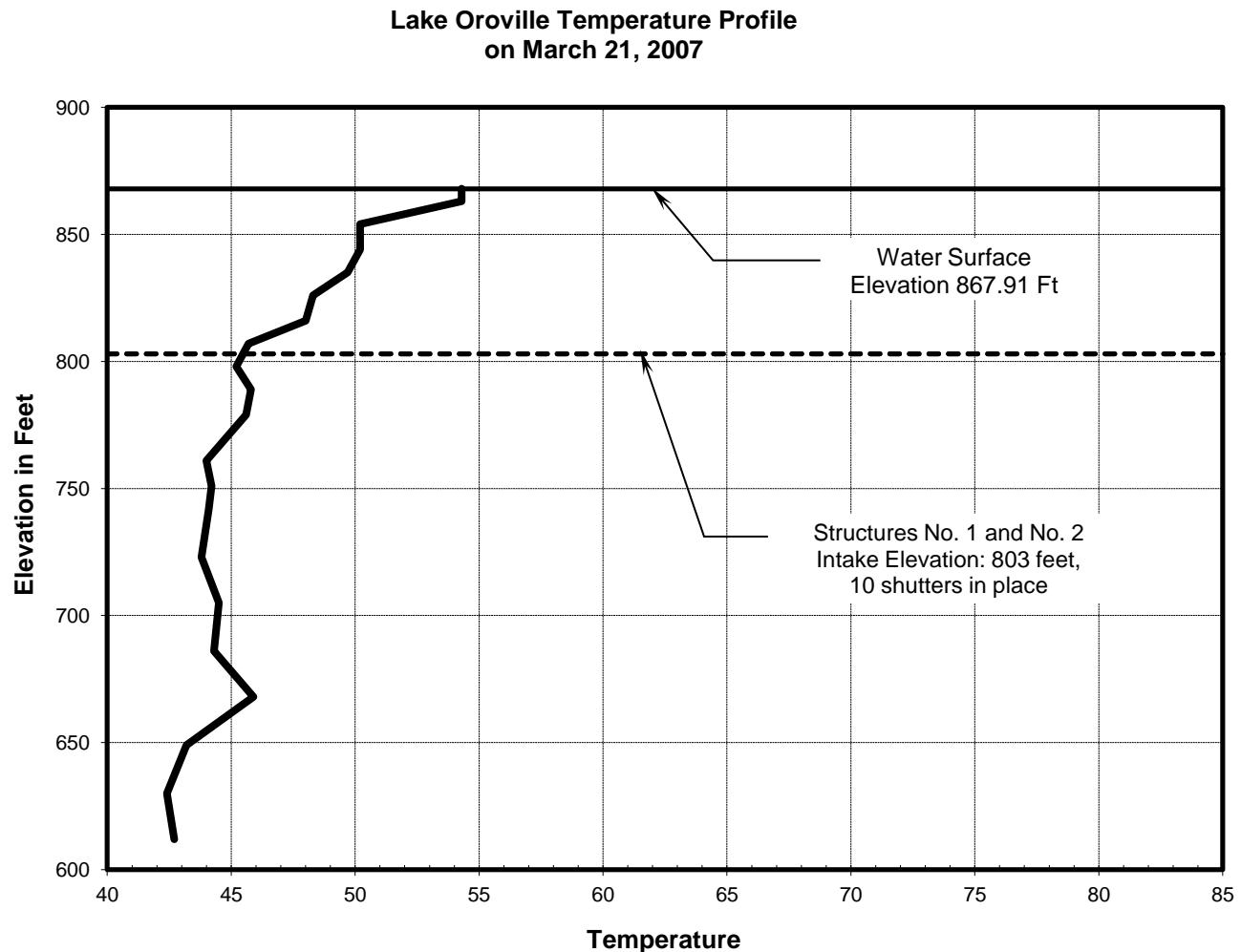
Table 7. Oroville-Thermalito Complex

Water Temperature Data

(in degrees Fahrenheit)

March 2007

Date	Mean Daily Temperature	
	Thermalito Afterbay Outlet	Fish Hatchery
1	45	45
2	46	45
3	47	45
4	48	45
5	49	45
6	49	45
7	49	45
8	50	45
9	50	45
10	51	45
11	52	45
12	53	45
13	54	45
14	54	45
15	55	45
16	54	45
17	54	46
18	53	46
19	52	46
20	53	46
21	55	47
22	55	47
23	56	48
24	56	49
25	57	49
26	57	49
27	57	49
28	56	49
29	56	50
30	56	51
31	57	51



Note: Water surface elevations on Table 4 are taken at Oroville Dam at midnight and may differ slightly from those shown on this table which are normally taken at mid-day and upstream from Oroville Dam.

Table 8. North Bay Aqueduct
Delta Field Division, Monthly Deliveries

(In acre-feet)

March 2007

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		Structure			Table A		Permit	Article 21		
	No.	Structure	Mile			Benicia	Vallejo				
1	1	Barker Slough Pumping Plant	0.17	(Into the North Bay Aqueduct)	1,898						
		Travis Surge Tank	8.78								
			8.80	Solano County Water Agency Travis AFB	57						
			10.54	Solano County Water Agency Fairfield / Vacaville 24"	0						
				Solano County Water Agency Fairfield / Vacaville 42"	0						
			17.00	Solano County Water Agency Central Solano	Stub						
3A	2	Cordelia Forebay	21.23								
		Cordelia Pumping Plant & Cordelia Spillway	21.30		1,722						
		Napa Pipeline	21.33	Solano County Water Agency Vallejo	515						
				Solano County Water Agency Benicia	625						
		Cordelia Surge Tank	23.33								
		Creston Surge Tank Connection	25.65								
3B	2		26.95	Napa County Flood Control & WCD American Canyon 2	1						
			27.27	Napa County Flood Control & WCD American Canyon 3	0						
		Napa Terminal Tank	27.58	City of Napa	439						
			27.60	Napa County Flood Control & WCD American Canyon 1	142						

1/ Includes 6 AF of Napa Co. FC&WCD entitlement through Solano Co.'s turnout (Reach 3A) for delivery to American Canyon and 24 AF of Solano County WA Entitlement to the City of Vallejo.

Table 9. Delta Field Division Plant Data

(in acre-feet)

March 2007

Date	North Bay Aqueduct		California Aqueduct		South Bay Aqueduct			
	Barker Slough Pumping Plant	Cordelia Pumping Plant	Banks Pumping Plant		South Bay Pumping Plant	Del Valle Pumping Plant		
			Total	SWP		Into Lake	Into Aqueduct	Gravity Flow Through Plant Into Aqueduct
1	91	83	4,708	4,708	120	0	0	0
2	114	101	5,775	5,775	170	0	0	0
3	114	101	5,791	5,791	209	0	0	0
4	107	95	6,214	6,214	256	0	0	0
5	93	84	5,574	5,574	290	0	0	0
6	96	91	5,651	5,651	368	64	0	0
7	93	92	6,641	6,641	435	154	0	0
8	106	107	6,891	6,891	479	114	0	0
9	102	94	7,365	7,365	561	119	0	0
10	99	100	6,407	6,407	553	196	0	0
11	110	97	6,168	6,168	544	184	0	0
12	115	109	6,430	6,430	568	184	0	0
13	133	120	5,086	5,086	433	73	0	0
14	107	99	4,966	4,966	468	78	0	0
15	115	103	4,839	4,839	463	94	0	0
16	79	66	5,427	5,427	508	78	0	0
17	94	76	4,861	4,861	539	133	0	0
18	76	79	4,924	4,924	518	126	0	0
19	17	23	6,440	6,440	535	144	0	0
20	0	1	5,699	5,699	547	157	0	0
21	0	0	5,457	5,457	554	196	0	0
22	0	1	6,107	6,107	545	205	0	0
23	0	0	5,997	5,997	596	171	0	0
24	0	0	6,041	6,041	657	230	0	0
25	0	0	6,044	6,044	657	124	0	0
26	0	0	6,548	6,548	647	264	0	0
27	0	0	6,803	6,803	470	119	0	0
28	0	0	6,685	6,685	397	0	0	0
29	0	0	6,688	6,688	574	123	0	0
30	37	0	4,978	4,978	640	233	0	0
31	0	0	5,878	5,878	594	245	0	0
Total	1,898	1,722	183,083	183,083	14,895	3,808	0	0

Table 10. Clifton Court Forebay

Daily Operation of Gates

March 2007

Date	Time								Amount of inflow in Acre-Feet
	Opened	Closed	Opened	Closed	Opened	Closed	Opened	Closed	
1	2:00	9:00	19:14	20:16					4,945
2	2:30	6:30	10:50	12:32	17:45	20:25			5,947
3	3:00	11:15	18:30	19:50					5,941
4	3:30	11:05							5,935
5	0:01	1:00	4:00	11:10					5,939
6	0:01	1:30	4:30	14:00	17:00	22:50			6,534
7	0:01	3:00	8:45	14:30	17:30	21:00			6,533
8	0:20	3:15	9:15	15:15	18:15	21:24			6,525
9	0:10	3:45	9:45	16:00	19:00	21:30			6,526
10	0:30	4:15	10:15	15:15					6,536
11	0:14	5:00	11:00	14:38					6,512
12	0:01	6:15	12:00	15:10					6,534
13	1:00	7:38							4,940
14	1:20	7:15							4,953
15	0:45	7:15							4,958
16	2:15	8:00							4,889
17	1:45	7:45							4,947
18	2:30	7:14							4,946
19	3:00	11:40	20:05	22:00					6,533
20	0:01	1:45	7:30	13:25					5,733
21	0:01	2:15	8:45	14:00					5,533
22	0:01	3:00	8:45	14:53					6,230
23	0:01	3:45	9:30	16:00	20:35				6,234
24		4:45	10:30	14:45					6,235
25	0:01	6:00	11:45	13:50					6,130
26	0:01	7:30	14:00	16:05	17:45	19:30			6,533
27	0:01	8:35							6,921
28	0:01	10:00	15:00	17:35					6,915
29	1:10	11:00	16:00	17:40					6,936
30	1:15	9:30	17:01	20:00					5,929
31	2:00								5,942
Total inflow for the month in AF:									185,844

Table 11. Governor Edmund G. Brown California Aqueduct

Delta Field Division, Monthly Deliveries

(In acre-feet)

March 2007

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries					
	Beginning and Ending				Table A	USBR	Local	Article 21	Local Other	
	No.	Structure	Mile							
			1.83	Byron-Bethany I.D.	2,223				2,223	
1		Banks Pumping Plant	3.32		183,083					
	1	South Bay Pumping Plant	4.49	Bethany Reservoir (Into the South Bay Aquaduct)	14,895					
		Check No. 1	5.95							
			8.08	Alameda Co. Zone 7 WA Mountain House Golf Course	9					
	2	Check No. 2	12.01							
	3		12.47	Musco Olive	35					
		Check No. 3	18.29							
	4		22.16	Tracy Golf & Country Club	0					
		Check No. 4	23.99							
	5	Check No. 5	29.73							
	6	Check No. 6	34.24							
	7		35.22	Turlock Fruit Company Inflow	0					
		Check No. 7	39.91							
	8		42.46	Oak Flat Water District-A	10	10				
			42.9	Western Hills WD	62	62				
			43.81	Oak Flat Water District-B	218	218				
			44.64	Oak Flat Water District-C	180	180				
		Check No. 8	45.97							
	9		46.18	Oak Flat Water District-D	194	166		28		
				Oak Flat Totals:	602	574	0	0	28	
		Check No. 9	51.3						0	
	10	Check No. 10	56.86							
	11	Check No. 11	61.4							
	12		66.14	Veteran's Cemetery	3					
		Check No. 12	66.71		160,946		3			

Table 12. South Bay Aqueduct
Delta Field Division, Monthly Deliveries

(In acre-feet)

March 2007

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending		Mile			Table A	Article 21	Purchase Pool B	Local	Recreation		
	No.	Structure										
1	1	South Bay Pumping Plant	0.00	(into South Bay Aqueduct)	14,895	2	1	904	904			
			3.17	Granite - Vasco Rd. (Temp.)	0							
			3.18	Oakland Scavenger Zone 7	2							
	2	Check No. 1	3.91			1	107	107	107			
		Check No. 2	5.21									
	3		7.21	Zone 7 Water Agency Altamont	1	14	3	8	8			
2		Check No. 3	9.49	Zone 7 Water Agency Patterson Storage Exchange Project Water	904							
		Check No. 4	10.68									
		Check No. 5	12.29									
4		13.55	Zone 7 Water Agency Wente #1	14	15	107	107	107				
		14.16	Zone 7 Water Agency Wente #2	3								
		14.31	Zone 7 Water Agency Ising	0								
	Check No. 6	14.65										
5		14.78	Zone 7 Water Agency Arroyo Mocho Project Water	107	26	99	199	199	8			
	Check No. 7	16.38										
		16.57	Zone 7 Water Agency Wente #3	0								
3	6		16.63	Zone 7 Water Agency Wente #4	8	11	99	152	152	1,899		
			16.69	Zone 7 Water Agency Norman Nursery	0							
			16.70	Zone 7 Water Agency Concannon Project Water	15							
		Del Valle Branch Pipeline Junction	18.63	Pumped into Lake Del Valle	3,808							
				Pumped into South Bay Aqueduct	0							
				Gravity into South Bay Aqueduct	0							
		Deliveries through Del Valle Branch Pipeline		Zone 7 Water Agency Arroyo Valle #1 & #2								
				Storage Exchange	0							
4	7			Project Water	0							
				Storage Released	0							
				Inflow Release	199	26	99	199	199	8		
				East Bay Regional Park Dist.								
				Del Valle Recreation	8							
5	8			Zone 7 Water Agency Wente #5	26							
				Zone 7 Water Agency So. Livermore Project	0							
				Inflow Released	0							
				Storage Exchange	1,899							
6	9		19.20	Zone 7 Water Agency Kalthrof Detjens	11	11	99	152	152	316		
			19.21	ACWD Vallecitos Project Water	251							
				City of San Francisco San Antonio	0							
7	8		22.50	ACWD - Bayside 1 & 2 Inflow Release	0	5,688	1,624	316	316			
			25.97	Storage Released	0							
8	9	Mission Tunnel	28.97	Storage Exchange	316	5,688	1,624	316	316			
		Santa Clara Pipeline	35.86	S.C.V.W.D. Meter	7,312							

Table 13. Lake Del Valle

Daily Operation

Capacity: 77,106 ac-ft

March 2007

Date	Water Surface Elevation (feet)	Storage	Storage Change	Inflow		Outflow					Precipitation (inches)
				Natural 1/	From South Bay Aqueduct	Arroyo Valle	South Bay Aqueduct	Recreation Deliveries 2/	Evaporation	Total Outflow	
Feb 28	683.27	27,511									
1	683.51	27,644	133	136	0	0	0	2	1	3	0.00
2	683.67	27,731	88	91	0	0	0	2	2	4	0.00
3	683.79	27,797	66	70	0	0	0	2	3	5	0.00
4	683.88	27,847	49	55	0	0	0	2	3	5	0.00
5	683.95	27,885	39	43	0	0	0	0	5	5	0.00
6	684.11	27,974	88	27	64	0	0	0	3	3	0.00
7	684.40	28,134	161	11	154	0	0	0	4	4	0.00
8	684.63	28,262	128	17	114	0	0	0	3	3	0.00
9	684.87	28,396	134	18	119	0	0	0	3	3	0.00
10	685.26	28,615	219	26	196	0	0	0	3	3	0.00
11	685.60	28,807	192	12	184	0	0	0	4	4	0.00
12	685.95	29,005	199	19	184	0	0	0	5	5	0.00
13	686.09	29,085	80	14	73	0	0	0	8	8	0.00
14	686.23	29,165	80	6	78	0	0	0	4	4	0.00
15	686.39	29,256	92	3	94	0	0	0	5	5	0.00
16	686.54	29,342	86	15	78	0	0	0	7	7	0.00
17	686.75	29,463	121	-4	133	0	0	0	8	8	0.00
18	686.99	29,602	139	17	126	0	0	0	4	4	0.00
19	687.23	29,741	139	-1	144	0	0	0	4	4	0.00
20	687.51	29,904	163	10	157	0	0	0	4	4	0.00
21	687.83	30,091	187	-5	196	0	0	0	4	4	0.03
22	688.17	30,290	200	-1	205	0	0	0	4	4	0.00
23	688.45	30,455	165	0	171	0	0	0	6	6	0.00
24	688.83	30,680	225	0	230	0	0	0	5	5	0.00
25	689.23	30,919	238	121	124	0	0	0	6	6	0.00
26	689.60	31,140	222	-38	264	0	0	0	4	4	0.00
27	689.96	31,357	217	101	119	0	0	0	3	3	0.50
28	689.99	31,375	18	20	0	0	0	0	2	2	0.00
29	690.18	31,490	115	-3	123	0	0	0	5	5	0.00
30	690.58	31,733	243	16	233	0	0	0	7	7	0.00
31	690.96	31,965	232	-6	245	0	0	0	7	7	0.00
Total		4,454	790	3,808	0	0	8	136	144	0.53	

1/ Total inflow from stream gaging station above Lang Canyon and accretions/depletions.

2/ To East Bay Regional Park District.

NR=No Records

Table 14. Consolidated State-Federal O'Neill Forebay

Daily Operations

March 2007

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

State of California

The Resources Agency

Department of Water Resources

State Water Project

Capacity 56,430 ac-ft

Date	Water Surface Elevation (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)				Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)	
				Pump In 1/	O'Neill Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	California Aqueduct	O'Neill Pumping Generating Plant (Generation)	Gianelli Pumping Generating Plant (Pumped)	Dos Amigos Pumping Plant	Deliveries 2/		
Feb 28	220.97	45,682											
1	219.63	42,196	-3,486	0	2,537	1,993	2,118	0	1,999	6,786	16	396	
2	220.31	43,957	1,761	0	2,519	3,894	2,326	0	1,437	6,300	16	-98	
3	221.16	46,180	2,223	0	2,544	3,019	2,973	0	900	6,554	16	55	
4	220.24	43,775	-2,405	0	2,532	0	2,735	0	0	6,395	16	-69	
5	221.88	48,071	4,296	0	2,574	2,237	2,627	0	0	5,317	16	61	
6	221.18	46,233	-1,838	0	2,711	2,402	2,497	0	1,732	6,898	16	109	
7	221.22	46,337	104	0	2,686	2,068	3,183	0	1,577	6,527	17	236	
8	220.45	44,322	-2,015	0	2,587	1,552	3,482	0	1,205	7,531	15	114	
9	220.23	43,749	-573	0	2,506	2,156	3,190	0	1,206	7,523	15	603	
10	220.11	43,437	-312	0	2,425	2,489	3,002	0	1,206	7,247	15	395	
11	219.50	41,862	-1,575	0	2,459	1,898	2,837	0	905	6,883	15	-185	
12	220.17	43,593	1,731	0	2,591	2,663	2,397	0	754	6,276	15	267	
13	219.55	41,990	-1,603	0	2,600	2,584	2,026	0	905	7,133	15	35	
14	219.47	41,785	-205	0	2,465	2,239	2,430	0	0	7,298	18	79	
15	218.93	40,407	-1,378	0	2,389	2,407	2,479	0	910	7,232	13	185	
16	219.34	41,451	1,044	0	2,294	4,689	2,541	0	1,213	7,764	13	-8	
17	219.40	41,605	154	0	2,245	4,438	2,147	0	1,222	7,581	13	64	
18	218.34	38,920	-2,685	0	2,363	3,176	1,661	0	1,225	7,645	13	329	
19	220.52	44,505	5,585	0	2,589	3,756	2,417	0	23	5,644	13	-266	
20	221.49	47,046	2,541	0	2,933	3,588	2,459	0	0	7,497	13	-189	
21	222.57	49,900	2,854	0	3,068	1,700	2,526	0	0	5,731	16	-108	
22	221.41	46,836	-3,064	0	2,615	1,275	2,935	0	2,340	6,176	15	161	
23	221.71	47,625	789	0	2,006	2,988	2,509	0	1,823	5,716	15	449	
24	221.53	47,152	-473	0	2,033	2,282	2,809	0	1,836	5,544	15	33	
25	221.85	47,992	840	0	2,038	2,380	2,590	0	1,550	5,387	15	367	
26	222.53	49,793	1,801	0	1,860	2,712	2,902	0	2,073	4,461	15	-17	
27	222.45	49,580	-213	0	1,377	1,353	3,182	0	1,727	4,373	15	96	
28	221.30	46,547	-3,033	0	1,297	1,700	2,735	0	1,570	5,639	16	-36	
29	220.50	44,453	-2,094	0	1,329	1,785	2,925	0	1,706	5,742	35	388	
30	219.67	42,299	-2,154	0	1,329	3,662	1,913	0	1,550	6,431	35	26	
31	219.31	41,375	-924	0	1,215	3,233	2,589	0	1,530	6,045	35	107	
Total				-4,307	0	70,716	78,318	81,142	0	36,124	199,276	526	3,579
Mean cfs				---	0	2,281	2,526	2,617	0	1,165	6,428	17	115
Acre-feet				-4,307	0	140,261	155,345	160,946	0	71,650	395,265	1,044	7,100

1/ Pump-in located at Mile 79.67R.

2/ Includes 87 AF delivered to DFG at O'Neill Forebay, 1 AF to Parks & Rec., 1 AF to the Cattle Program and 955 AF to San Luis Water District.

Table 15. Consolidated State-Federal San Luis Reservoir

Daily Operations

March 2007

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity: 2,027,835 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)		Outflow (cfs)			Computed Losses (-) Gains (+) (cfs)
				Gianelli Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	Pacheco Tunnel 1/	Parks and Rec. Del.		
Feb 28	532.50	1,895,951							
1	532.44	1,895,206	-745	1,999	1,993	161	0	-221	
2	532.01	1,889,872	-5,334	1,437	3,894	125	0	-107	
3	531.69	1,885,905	-3,967	900	3,019	129	0	248	
4	531.69	1,885,905	0	0	0	95	0	95	
5	531.30	1,881,075	-4,830	0	2,237	92	0	-106	
6	531.10	1,878,600	-2,475	1,732	2,402	113	0	-465	
7	531.00	1,877,363	-1,237	1,577	2,068	138	0	5	
8	530.90	1,876,126	-1,237	1,205	1,552	138	0	-139	
9	530.67	1,873,282	-2,844	1,206	2,156	142	0	-342	
10	530.45	1,870,563	-2,719	1,206	2,489	142	0	54	
11	530.29	1,868,587	-1,976	905	1,898	141	0	138	
12	529.94	1,864,266	-4,321	754	2,663	142	0	-127	
13	529.67	1,860,935	-3,331	905	2,584	162	0	162	
14	529.30	1,856,373	-4,562	0	2,239	185	0	124	
15	529.00	1,852,678	-3,695	910	2,407	190	0	-176	
16	528.40	1,845,294	-7,384	1,213	4,689	257	0	10	
17	527.80	1,837,921	-7,373	1,222	4,438	289	0	-212	
18	527.40	1,833,011	-4,910	1,225	3,176	272	0	-252	
19	526.81	1,825,778	-7,233	23	3,756	287	0	373	
20	526.19	1,818,187	-7,591	0	3,588	288	0	49	
21	525.85	1,814,029	-4,158	0	1,700	309	0	-87	
22	525.89	1,814,518	489	2,340	1,275	330	0	-488	
23	525.64	1,811,462	-3,056	1,823	2,988	332	0	-44	
24	525.46	1,809,264	-2,198	1,836	2,282	351	0	-311	
25	525.27	1,806,944	-2,320	1,550	2,380	313	0	-27	
26	525.01	1,803,770	-3,174	2,073	2,712	321	0	-640	
27	525.03	1,804,014	244	1,727	1,353	318	0	67	
28	524.95	1,803,038	-976	1,570	1,700	325	0	-37	
29	524.84	1,801,697	-1,341	1,706	1,785	322	0	-275	
30	524.44	1,796,821	-4,876	1,550	3,662	338	0	-8	
31	524.08	1,792,436	-4,385	1,530	3,233	326	1	-181	
Total			-103,515	36,124	78,318	7,073	1	-2,920	
Mean cfs			---	1,165	2,526	228	0	-94	
Acre-feet			-103,515	71,650	155,345	14,024	1	-5,795	

1/ Pacheco Tunnel, San Felipe Split; Santa Clara 12,423 AF, Casa De Fruta 0 AF, and San Benito 1,601 AF.

Table 16. San Luis Field Division Plant Data

(in acre-feet)

March 2007

Date	Dos Amigos Pumping Plant		Gianelli Pumping - Generating Plant				San Felipe Project
	Total Pumping	SWP Pumping 1/ 2/	Total Generation	SWP Generation 1/ 2/	Total Pumping	SWP Pumping 1/ 2/	Federal
1	13,460	9,973	3,954	3,954	3,965	1,078	319
2	12,496	9,024	7,723	7,723	2,851	-8	248
3	12,999	9,501	5,988	5,988	1,785	53	256
4	12,684	9,200	0	0	0	0	188
5	10,547	7,085	4,438	4,438	0	0	183
6	13,682	10,151	4,765	4,765	3,435	1,212	225
7	12,946	9,410	4,102	4,102	3,127	1,227	273
8	14,938	11,334	3,079	3,079	2,391	1,319	274
9	14,922	11,340	4,277	4,277	2,393	65	281
10	14,374	10,786	4,936	4,936	2,393	65	281
11	13,652	10,282	3,764	3,764	1,795	369	280
12	12,449	8,901	5,283	5,283	1,496	43	281
13	14,149	10,649	5,125	5,125	1,795	61	322
14	14,476	11,008	4,441	4,441	0	0	367
15	14,345	10,823	4,774	4,774	1,805	43	376
16	15,399	11,881	9,300	9,300	2,405	39	510
17	15,036	11,527	8,803	8,803	2,423	53	573
18	15,164	11,674	6,299	6,299	2,430	74	539
19	11,194	7,743	7,451	7,451	45	45	569
20	14,870	11,404	7,116	7,116	0	0	571
21	11,368	7,854	3,372	3,372	0	0	613
22	12,251	8,685	2,529	2,529	4,641	2,863	655
23	11,338	7,824	5,927	5,927	3,615	2,759	659
24	10,997	7,452	4,526	4,526	3,642	2,782	697
25	10,686	7,168	4,721	4,721	3,074	2,192	620
26	8,848	5,358	5,379	5,379	4,112	4,112	636
27	8,674	5,167	2,684	2,684	3,425	3,425	630
28	11,184	7,653	3,372	3,372	3,114	3,114	644
29	11,390	7,911	3,541	3,541	3,384	3,384	638
30	12,756	9,318	7,264	7,264	3,074	3,074	670
31	11,991	8,554	6,412	6,412	3,035	3,035	646
Total	395,265	286,640	155,345	155,345	71,650	36,478	14,024

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

2/ Provisional, subject to change.

Table 17. Consolidated State-Federal Los Banos Reservoir

Daily Operations

March 2007

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity 34,560 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft)
					Spill	Outlet	
Feb 28	326.72	20,072					
1	326.85	20,132	60	30	0	0	0
2	326.93	20,169	37	19	0	0	-1
3	326.98	20,193	24	12	0	0	0
4	327.03	20,216	23	12	0	0	-1
5	327.06	20,230	14	7	0	0	0
6	327.08	20,239	9	5	0	0	-1
7	327.08	20,239	0	0	0	0	0
8	327.09	20,244	5	3	0	0	-1
9	327.10	20,248	4	2	0	0	0
10	327.10	20,248	0	0	0	0	0
11	327.11	20,253	5	3	0	0	-1
12	327.12	20,258	5	3	0	0	0
13	327.13	20,262	4	2	0	0	0
14	327.11	20,253	-9	0	0	0	-9
15	327.11	20,253	0	0	0	0	0
16	327.11	20,253	0	0	0	0	0
17	327.11	20,253	0	0	0	0	0
18	327.09	20,244	-9	0	0	0	-9
19	327.08	20,239	-5	0	0	0	-5
20	327.09	20,244	5	3	0	0	0
21	327.09	20,244	0	0	0	0	0
22	327.09	20,244	0	0	0	0	0
23	327.08	20,239	-5	0	0	0	-5
24	327.06	20,230	-9	0	0	0	-9
25	327.06	20,230	0	0	0	0	0
26	327.05	20,225	-5	0	0	0	-5
27	327.02	20,211	-14	0	0	0	-14
28	327.00	20,202	-9	0	0	0	-9
29	327.00	20,202	0	0	0	0	0
30	327.00	20,202	0	0	0	0	0
31	327.01	20,206	4	2	0	0	0
Total			134	103	0	0	-70
Mean cfs			---	3	0	0	---
Acre-feet			134	204	0	0	-70

Table 18. Consolidated State-Federal Little Panoche Reservoir

Daily Operations

March 2007

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity: 5,580 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft)
					Spill	Outlet	
Feb 28	602.65	829					
1	602.65	829	0	2	0	2	0
2	602.65	829	0	2	0	2	0
3	602.65	829	0	2	0	2	0
4	602.60	826	-3	0	0	1	-1
5	602.60	826	0	1	0	1	0
6	602.60	826	0	1	0	1	0
7	602.60	826	0	1	0	1	0
8	602.60	826	0	1	0	1	0
9	602.60	826	0	1	0	1	0
10	602.65	829	3	4	0	2	-1
11	602.65	829	0	2	0	2	0
12	602.65	829	0	2	0	2	0
13	602.65	829	0	2	0	2	0
14	602.65	829	0	2	0	2	0
15	602.65	829	0	2	0	2	0
16	602.65	829	0	2	0	2	0
17	602.65	829	0	2	0	2	0
18	602.65	829	0	2	0	2	0
19	602.65	829	0	2	0	2	0
20	602.65	829	0	2	0	2	0
21	602.65	829	0	2	0	2	0
22	602.65	829	0	2	0	2	0
23	602.65	829	0	1	0	2	2
24	602.65	829	0	1	0	2	2
25	602.65	829	0	1	0	2	2
26	602.65	829	0	1	0	2	2
27	602.65	829	0	1	0	2	2
28	602.65	829	0	1	0	2	2
29	602.65	829	0	1	0	2	2
30	602.65	829	0	1	0	2	2
31	602.65	829	0	1	0	1	0
Total			0	48	0	55	14
Mean cfs			---	2	0	2	---
Acre-feet			0	94	0	108	14

Table 19. Governor Edmund G. Brown California Aqueduct

San Luis Field Division, Monthly Deliveries

(In acre-feet)

March 2007

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		Structure			USBR	Transfer	DWR Recreation	USBR Recreation		
	No.	Structure									
2B	12	Check No. 12	66.71		160,946						
3A	3A	San Luis Reservoir		Department of Parks and Recreation	1	1	12,423				
				San Felipe Division Santa Clara Water District	12,423						
				Casa de Fruta Santa Clara Water District	0						
				San Felipe Division San Benito Water District	1,601	1,601					
				Reach 3A Subtotal:	14,025	14,025	0	0	0		
3	13	O'Neill Forebay	70.85	Department of Parks and Recreation	1			1	0		
				Cattle Program	1			1	0		
				Department of Fish & Game	87		48	39			
		70.91 Thru 85.08		San Luis Water District	955	955					
				(Floodwater Inflow)	0						
				Reach 3 Subtotal:	1,044	955	0	50	39		
		Dos Amigos Pumping Plant	86.73		395,265						
4	14	14	89.03			6,805	6,805				
			Thru 94.06	San Luis Water District	6,805						
			89.66			1,101					
			Thru 89.67	Pacheco Water District	1,101						
			89.68	Panoche Water District	46	46					
		15	89.70	City of Dos Palos	107	107	4,169				
			Check No. 14	95.06							
			98.15			535					
			Thru 104.20	San Luis Water District	535						
			96.15			4,169					
		15	Thru 102.64	Panoche Water District	4,169		11,072				
			(Floodwater Inflow)	0	0						
			102.64	Broadview Water District	0						
			105.22			11,072					
			Thru 108.64	Westlands Water District	11,072						
		Check No.15	108.50								
			Reach 4 Subtotal:	23,835	23,835	0	0	0			
			San Felipe Division Total:	14,025	14,025	0	0	0			
			Pacheco Water District Total:	1,101	1,101	0	0	0			
			Broadview Water District Total:	0	0	0	0	0			
			City of Dos Palos Total:	107	107	0	0	0			
			SLWD Reach 4 Subtotal:	7,340	7,340	0	0	0			
			Panoche Water District Total:	4,215	4,215	0	0	0			
			SLWD Total:	8,295	8,295	0	0	0			
			Westlands WD Reach 4 Subtotal:	11,072	11,072	0	0	0			

Table 19. Governor Edmund G. Brown California Aqueduct

San Luis Field Division, Monthly Deliveries (Continued)

(In acre-feet)

March 2007

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		Mile			USBR	Transfer	DWR Recreation	USBR Recreation		
	No.	Structure									
5	16		110.52	(Reverse flow, Kings River)	0	15,914		0	0		
				Westlands Water District	15,914						
				Thru	0						
				122.05	0						
				Dept. of Fish and Game @ Lat. 4L	0						
		Check No. 16	122.07	Dept. of Fish and Game @ Lat. 6L	0	10,937		0	0		
	17		124.18	Dept. of Fish and Game @ Lat. 7L	0						
				Westlands Water District	10,937						
		Check No. 17	132.74								
6	18		133.81	Westlands Water District	16,495	16,495		0	0		
				Thru	0						
				142.61	0						
		Pleasant Valley Pumping Plant	143.16	Westlands Water District	9,934		9,934	0	0		
			143.16	City of Coalinga	474						
		Check No. 18	143.23								
				Reach 5 Subtotal:	53,754	53,754	0	0	0		
	19		145.26	GWF Energy	0						
				City of Huron	0		1/ 166	0	0		
				Kings County to Lemoore NAS Through WWD	166						
				Kings County through WWD 30L	0						
				Westlands Water District	22,141						
		Check No. 19	155.64			22,141	166	0	0		
7	20		156.34	Reach 6 Subtotal:	22,307						
				City of Huron	90	90	0	0	0		
				SWP Construction @ Lat. 24R	0						
				Thru	0						
		Check No. 20	163.69	Westlands Water District	8,177		8,177	0	0		
	21		164.79								
				City of Avenal	249		249	0	0		
				167.04	Westlands Water District	5,024					
				Thru	0						
		Check No. 21	171.67			285,459	0	0	0		
				Reach 7 Total:	13,540						
				SWP Construction Total:	0	0	0	0	0		
				Westlands WD Total:	99,694						
				City of Coalinga Total:	474	474	0	0	0		
				City of Huron Total:	90		90	0	0		
				Kings County to Lemoore NAS Through WWD	166						
				City of Avenal Total:	249	249	0	0	0		
				Total San Luis Field Division Deliveries:	128,505						

1/ Long-term POD from County of Kings to Lemoore Naval Air Base - includes 94 AF of Table A water and 72 AF of Article 21 water.

Table 20. Consolidated State-Federal San Luis Canal 1/

Daily Operations
March 2007

United States
Department of the Interior
Bureau of Reclamation
Central Valley Project

State of California
The Resources Agency
Department of Water Resources
State Water Project

Date	Storage In Canal (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)		Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)
			Non-Project	Dos Amigos Pumping Plant	San Luis Water District Pools 14 & 15 2/	Panoche Water District Pools 14 & 15	Westlands Water District Pools 15 thru 21 3/	Flow Past Check 21	
Feb 28	29,327								
1	28,482	-845	0	6,786	97	62	1,545	5,696	188
2	28,579	97	0	6,300	97	62	1,536	4,736	179
3	28,488	-91	0	6,554	97	62	1,536	4,978	73
4	28,926	438	0	6,395	97	62	1,536	4,913	434
5	28,070	-856	0	5,317	97	62	1,536	4,207	153
6	28,194	124	0	6,898	97	62	1,536	5,213	73
7	27,514	-680	0	6,527	98	68	1,540	5,180	16
8	28,487	973	0	7,531	133	58	1,674	4,978	-197
9	28,538	51	0	7,523	133	58	1,674	5,503	-129
10	28,780	242	0	7,247	133	58	1,674	5,108	-152
11	28,833	53	0	6,883	133	58	1,674	5,179	188
12	27,984	-849	0	6,276	133	58	1,674	4,866	27
13	27,907	-77	0	7,133	133	58	1,674	5,151	-156
14	28,161	254	0	7,298	139	63	1,678	5,090	-199
15	28,588	427	0	7,232	164	89	1,750	4,919	-95
16	28,014	-574	0	7,764	164	89	1,750	6,035	-15
17	28,557	543	0	7,581	164	89	1,750	5,191	-113
18	29,042	485	0	7,645	164	89	1,750	5,589	191
19	28,234	-808	0	5,644	164	89	1,750	4,204	155
20	28,852	618	0	7,497	164	89	1,750	5,207	25
21	29,038	186	0	5,731	168	92	1,754	4,065	442
22	29,169	131	0	6,176	142	63	1,485	4,324	-96
23	29,177	8	0	5,716	142	63	1,485	3,796	-226
24	28,972	-205	0	5,544	142	63	1,485	3,765	-192
25	29,462	490	0	5,387	142	63	1,485	3,583	133
26	28,598	-864	0	4,461	142	63	1,485	3,329	122
27	29,016	418	0	4,373	142	63	1,485	2,668	195
28	28,346	-670	0	5,639	146	66	1,488	4,224	-52
29	28,080	-266	0	5,742	181	68	1,872	3,874	119
30	28,401	321	0	6,431	181	68	1,872	4,273	125
31	28,208	-193	0	6,045	181	68	1,872	4,072	50
Total	-1,119	0	199,276	4,310	2,125	50,755	143,917	1,266	
Mean cfs	---	0	6,428	139	69	1,637	4,642	41	
Acre-feet	-1,119	0	395,265	8,548	4,215	100,673	285,459	2,511	

1/ San Luis Canal includes Pools 14 through 21 of the California Aqueduct.

2/ Includes 1,100 AF AG, 1 AF M&I to Pacheco W.D., 107 AF to the City of Dos Palos and 7,340 AF to San Luis Water District.

3/ Includes 90 AF to the City of Huron, 249 AF to the City of Avenal, 470 AF to the City of Coalinga, 0 AF to City of Huron P&R @22R, 166 AF to Lemoore N.A.S. @29L, 0 AF GWF @ 30L, 0 F to Kings County @ 30L, 0 AF to Broadview WD @ 3L, 0 AF to DFG @ 4L, 0 AF to Pilipos Wildlife @ 4L, 0 AF Mendota Water Fowl Habitat Area @ 6L, 0 AF DWR Water Truck @ 22R, 0 AF to DFG @ 7L, 0 AF Non-Project Water and 99,694 AF to Westlands Water District.

Table 21. San Joaquin Field Division Plant Data

(in acre-feet)

March 2007

Date	Coastal Aqueduct					California Aqueduct				
	Las Perillas Pumping Plant	Badger Hill Pumping Plant	Devil's Den Pumping Plant	Bluestone Pumping Plant	Polonio Pass Pumping Plant	Buena Vista Pumping Plant	Teerink Pumping Plant	Chrisman Pumping Plant	Edmonston Pumping Plant	
23	1	169	169	40	36	41	8,507	8,536	8,190	8,138
	2	208	208	46	42	48	7,584	8,184	7,876	7,895
	3	194	194	62	57	66	6,716	8,045	7,872	7,868
	4	155	155	53	46	51	7,751	8,315	8,010	7,949
	5	112	112	50	46	50	6,857	7,108	6,784	6,825
	6	179	179	60	55	63	8,062	7,787	7,467	7,514
	7	312	312	66	73	68	7,222	7,575	7,330	7,226
	8	297	297	99	95	101	7,085	7,230	6,819	6,582
	9	273	273	105	100	104	7,489	7,477	7,119	7,144
	10	358	358	105	98	107	7,621	7,900	7,473	7,511
	11	157	157	78	73	82	8,380	8,371	8,044	8,031
	12	138	138	67	63	70	7,876	8,088	7,763	7,935
	13	254	254	87	83	89	8,229	8,447	7,980	7,762
	14	237	237	78	81	89	7,071	7,089	6,684	5,906
	15	224	224	89	84	92	8,139	8,383	7,785	7,780
	16	191	191	89	86	93	8,351	8,476	7,982	7,949
	17	340	340	125	116	126	8,245	8,447	8,008	7,949
	18	312	312	82	75	85	8,194	8,670	8,267	8,380
	19	149	149	57	53	59	7,143	7,477	7,064	7,091
	20	179	179	68	63	68	7,601	7,477	6,889	6,869
	21	374	374	90	84	92	7,408	7,477	7,096	7,092
	22	263	263	90	85	92	7,306	7,477	7,140	7,171
	23	196	196	84	78	85	6,906	7,286	6,963	6,848
	24	287	287	103	95	105	7,199	7,477	7,143	7,079
	25	244	244	97	89	100	6,981	7,477	7,117	6,744
	26	197	197	69	64	71	6,202	6,516	6,131	6,271
	27	325	325	69	73	88	5,208	5,466	5,173	4,899
	28	359	359	75	70	59	7,060	7,419	6,999	7,090
	29	316	316	79	73	79	7,168	7,477	7,017	6,928
	30	392	392	113	106	110	7,150	7,460	7,030	6,992
	31	553	553	117	109	119	7,274	7,477	7,017	7,009
Total		7,944	7,944	2,492	2,351	2,552	229,985	238,091	226,232	224,427

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries

(In acre-feet)

March 2007

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries											
	Beginning and Ending					Table A	USBR	Art. 21	Un-scheduled	Other Art. 21	Recovery						
	No.	Structure	Mile														
7	21	Check No. 21	172.40		285,459												
8C	22		172.66	Empire West Side Irrig. Dist. TL - A	55	3,346	1	18	54	1/ 120 1/ 90 1/ 148 1/ 100 1/ 2 1/ 35							
				County of Kings TL - A	18												
				Tulare Lake Basin WSD TL-A	3,703												
			175.18	Dudley Ridge WD - 1	210	189	357	90	75								
			177.54	Dudley Ridge WD - 1B	165												
			180.64	Tulare Lake Basin WSD - C	0												
			180.65	Dudley Ridge WD - 1A	232	138	1,200	84	323								
			182.99	Dudley Ridge WD - 2	423												
			183.00	Tulare Lake Basin WSD TL - B	1,389												
31A	8D		184.00	County of Kings TL-B	191	0	0	572	0	0	495						
				Dudley Ridge WD - Paramount	2												
8D	23		184.63	Coastal Branch	7,944	3,535	0	1,557	0	0	0						
			184.78	Dudley Ridge Water Dist. Dudley Ridge WD - 3	35												
			184.78	Dudley Ridge Reach 8D Total:	1,067												
				Tulare Lake Basin WSD Total:	5,092												
			Check No. 22	184.82													
			189.69	Kern County Water Agency Lost Hills Water Dist. - 1	1,994	589	203	1,115	0	0	2/ 290						
				Kern County Water Agency Lost Hills Water Dist. - 2	203												
				Kern County Water Agency Lost Hills Water Dist. - 3	0												
				Kern County Water Agency Berrenda Mesa - 2	190												
				Kern County Water Agency Lost Hills Water Dist. - 4	241												
				KCWA Reach 9 Subtotal:	2,628												
9	24		Check No. 23	197.05		1,020	0	1,115	0	0	493						
			201.24	Kern County Water Agency Lost Hills Water Dist. - 7	573												
				Kern County Water Agency Lost Hills Water Dist. - 5	1,478												
				Kern County Water Agency Lost Hills Water Dist. - 6	0												
				Kern County Water Agency Lost Hills Water Dist. - 8	6												
			Check No. 24	207.94													
	10A		209.71	Kern County Water Agency Belridge Water Storage Dist. - 1A	1,100	768	6	0	0	0	2/ 332						
				Kern National Wildlife Refuge USBR BV-1B	0												
			209.78	Kern County Water Agency Buena Vista WSD 1B	206												
				KCWA Semitropic WSD	18,124			9,174	8,950								
			209.80	KCWA Semitropic WSD Penstocks	15,962												
				USBR Total:	0			15,127									
				KCWA Reach 10A Subtotal:	37,449			25,281	0	8,950	0	0					
1/ Kern Water Bank Recovery																	
2/ Recovery of same contractors pump-in.																	

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

March 2007

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries							
	Beginning and Ending					Table A	USBR	Art. 21	Un-scheduled	Other Art. 21	Recovery 1/		
	No.	Structure	Mile										
11B	25	210.75	Kern County Water Agency Belridge - 2	0	250	250					4,197		
			214.11	Kern County Water Agency Belridge - 3	250								
			216.62	Kern County Water Agency Belridge - 4	0								
			217.13	Kern County Water Agency Belridge - 5	6,053	603	1,253						
				Kern County Water Agency Belridge - 5D	110								
		Check No. 25	217.79										
				KCWA Reach 11B Subtotal:	6,413	963	0	1,253	0	0	4,197		
12D	26	219.58	Kern County Water Agency Belridge - 6	0	337	337							
			Kern County Water Agency West Kern - 3	337									
		Check No. 26	224.92										
12E	27	230.37	Kern County Water Agency Buena Vista - 6	0									
		Check No. 27	231.73										
	28	235.75	Kern County Water Agency Buena Vista - 2	0									
			Kern County WA CVC	0									
			DRWD CVC	0									
			Tulare Co.	0									
			Lower Tule River	0									
			Fresno Co.	0									
			Pixley ID	0									
			Hacienda										
		Check No. 28	238.11	DWR Wells	0								
				2/ Arvin Edison Total:	0	0	0	0	0	0	0		
				Reach 12E Subtotal:	0	0	0	0	0	0	0		
13B	29	238.19	Kern Water Bank Pump In	3/ 11,554						4/ 371			
			Kern Water Bank Outflow	521									
			241.02	Kern River Intertie (inflow)	0								
			242.85	KCWA Buena Vista WSD - 7	0								
			243.09	KCWA Buena Vista WSD - 5	163								
		Check No. 29	244.54	Kern County Water Agency Buena Vista - 3	195								
	30	249.85	Kern County Water Agency Buena Vista - 4	0						4/ 371			
			Buena Vista Pumping Plant	250.99									
				KCWA Reach 13B Subtotal:	229,985								
				879	27	0	481	0	371	0			
14A	31	254.47	Kern County Water Agency West Kern - 2	0						101			
			Kern County Water Agency Wheeler Ridge-Maricopa - 2	101									

1/ Recovery of same contractors pump-in.

2/ Arvin Edison Contractors include Rag Gulch WD, Kern-Tulare WD, Fresno County, Hills Valley ID, Tri Valley WD, Tulare County, Lower Tule River ID, and Pixley ID.

3/ KCWA pumped in from KWB and recovered in their own turnouts.

4/ Dudley Ridge WD's Art.21 water delivered to Kern Water Bank for banking.

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

March 2007

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries					
	Beginning and Ending				Table A	USBR	Art. 21	Un-scheduled	Other Art. 21	Recovery 1/
	No.	Structure	Mile							
14A	31	Check No. 31	256.14							
	32		258.61	Kern County Water Agency Wheeler Ridge-Maricopa - 3	337					337
			260.44	Kern County Water Agency Wheeler Ridge-Maricopa - 4	886					662
			Check No. 32	261.72						
				KCWA Reach 14A Subtotal:	1,324	0	0	224	0	1,100
14B	33		264.42	Kern County Water Agency Wheeler Ridge-Maricopa - 5	1,992	426				1,566
			266.91	Kern County Water Agency Wheeler Ridge-Maricopa - 6	324	324				
			Check No. 33	267.36						
	34		270.24	Kern County Water Agency Wheeler Ridge-Maricopa - 7	1,994	1,384		610		
			Check No. 34	271.27						
				Reach 14B Total:	4,310	2,134	0	610	0	1,566
14C	35		272.39	Kern County Water Agency Wheeler Ridge-Maricopa - 8	797	797				
			276.09	Kern County Water Agency Wheeler Ridge-Maricopa - 9	505	103				
			277.30	Arvin-Edison Pump In	2/ 2,540			402		
				Kern County Water Agency Arvin-Edison WSD	0					
				Reach 14C Total:	1,302	900	0	402	0	0
15A	36	Teerink Pumping Plant	278.13		238,091					
			279.02	Kern County Water Agency Wheeler Ridge-Maricopa - 9A	270	270				
			280.06	Kern County Water Agency Wheeler Ridge-Maricopa - 10	3,377	2,330		1,047		
				Reach 15A Total:	3,647	2,600	0	1,047	0	0
	Chrisman Pumping Plant		280.36		226,232					
16A	37		282.06	Kern County Water Agency Wheeler Ridge-Maricopa - 11	0					
			Check No. 37	283.95						
	38		285.01	Kern County Water Agency Wheeler Ridge-Maricopa - 12	17	17				
			286.39	Kern County Water Agency Wheeler Ridge-Maricopa - 13A	256	256				
			287.06	Kern County Water Agency Wheeler Ridge-Maricopa - 13	0					
	Check No. 38		287.09							
	39		287.62	Kern County Water Agency Wheeler Ridge-Maricopa - 13B	224	224				
			Check No. 39	290.21						
17E	40		291.26	Kern County Water Agency Wheeler Ridge-Maricopa - 14	1,290	420		870		
			293.07	Kern County Water Agency Wheeler Ridge-Maricopa - 15	199			199		
				Kern County Water Agency Tehachapi Cummings CWD	0					
				KCWA Reach 16A Subtotal:	1,986	917	0	1,069	0	0
	Edmonston Pumping Plant		293.45		224,427					

1/ Recovery of same contractors pump-in.

2/ MWD pumped in from Arvin Edison WSD.

Table 23. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Coastal Branch)

(In acre-feet)

March 2007

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries						
	Beginning and Ending				Table A	USBR	Art. 21	Un-scheduled	Other Art. 21	Recovery 1/	
	No.	Structure	Mile								
31A	C-1	Coastal Branch Control	0.02		7,944						
		Las Perillas Pumping Plant	1.16		7,944						
	C-2		3.79	Green Valley Water District	0						
		Badger Hill Pumping Plant	4.27		7,944						
	C-3	Coastal Check No. 3	7.21								
	C-4		9.34	Castaic Lake WA (Devil's Den WD #1)	282	282					
		Coastal Check No. 4	9.34								
	C-5	Coastal Check No. 5	12.20								
	C-6		13.30	Kern County Water Agency Berrenda Mesa - 3	124	124					
			14.83	Kern County Water Agency Berrenda Mesa - 1	4,923	3,089	854			980	
				Kern County Water Agency Berrenda Mesa - PO	0						
		Devil's Den Pumping Plant	14.86		2,492						
				KCWA Reach 31A Subtotal:	5,047	3,213	0	854	0	0	
				KCWA Total:	65,322	37,392	0	16,005	0	371	
33A	C-7	Bluestone Pumping Plant	19.05		2,351						
	C-8	Polonio Pass Pumping Plant	26.54		2,552						
	C-9	Tank Site 1	27.81	(CCWA) Polonio Pass Treatment Plant							
	C-10	Shandon T.O.	38.23	Santa Barbara County (CCWA)	2,162	1,509					
		Tank Site 2	58.63	Central Coast:	0		653				
34	C-11	Chorro Valley T.O.	69.31	San Luis Obispo County (CCWA)	373						
		Energy Dissipater	78.12			373					
35	C-12	Lopez T.O.	85.86	SLOCFC & WCD	0						
				CCWA Total:	2,535	1,882	0	653	0	0	
		Guadalupe T.O.	102.70	SBCFC & WCD	0						
		Santa Maria T.O.	107.43	SBCFC & WCD	0						
38		So. Cal. Water T.O.	109.20	SBCFC & WCD	0						
				SBCFC & WCD Total:	0	0	0	0	0	0	
		Tank Site 5	115.42								

1/ Recovery of same contractors pump-in.

Table 24. Southern Field Division Plant Data

(in acre-feet)

March 2007

Date	West Branch						East Branch								East Branch Extension			
	Oso Pumping Plant	Warne Powerplant			Castaic Powerplant		Alamo Powerplant			Pearblossom Pumping Plant	Mojave Siphon Powerplant			Devil Canyon Powerplant Generation	Green Spot	Crafton Hills	Cherry Valley	
		Generation	Leakage	Gorman Crk. Improvement Channel	Generation 1/	Pumpback 1/	Generation	Bypass Through Plant	Tehachapi Afterbay Bypass		Generation	Leakage	Bypass Flume					
28	1	4,296	3,278	0	536	4,300	0	0	0	4,728	4,013	3,746	0	0	2,258	0	0	0
	2	3,858	3,281	0	694	4,476	0	0	0	4,728	3,991	4,133	0	0	2,203	38	38	32
	3	3,708	3,279	0	793	3,138	0	0	0	4,165	4,175	3,816	0	0	2,075	12	12	31
	4	3,649	3,284	0	793	3,473	0	0	0	4,737	3,688	3,850	0	0	2,216	25	25	28
	5	4,753	3,283	0	793	4,418	0	0	0	1,934	1,688	1,636	0	0	2,253	52	52	28
	6	5,171	3,278	0	853	4,129	0	0	0	2,206	2,265	2,120	0	0	2,848	50	50	29
	7	4,748	3,264	0	873	3,571	0	0	0	2,248	2,647	2,699	0	0	3,037	26	26	25
	8	3,980	3,292	0	1,031	4,110	0	0	0	2,190	3,107	3,203	0	0	2,826	38	38	15
	9	3,249	3,286	0	1,031	4,027	0	0	0	3,020	2,299	1,926	0	0	3,160	38	38	34
	10	4,171	3,277	0	1,031	2,601	0	354	0	2,649	2,953	2,950	0	0	2,913	19	19	34
	11	3,997	3,144	0	992	3,264	0	25	0	3,322	3,694	3,712	0	0	2,764	26	26	32
	12	4,171	3,275	0	1,031	4,724	0	0	0	3,545	3,978	3,836	0	0	3,033	52	52	28
	13	4,510	3,275	0	1,031	4,278	0	0	0	2,728	2,426	2,536	0	0	3,024	47	47	27
	14	4,279	3,275	0	1,031	3,820	0	6	0	2,409	2,614	2,164	0	0	2,765	25	25	26
	15	4,239	3,268	0	1,031	4,634	0	11	0	2,777	2,487	2,370	0	0	2,797	25	25	19
	16	4,838	3,266	0	1,031	4,848	0	129	0	2,744	3,115	2,723	0	0	3,153	40	30	21
	17	4,615	3,266	0	1,031	2,363	0	0	0	3,179	3,305	3,224	0	0	2,861	20	12	8
	18	4,838	3,266	0	248	3,934	0	0	0	3,223	3,028	3,194	0	0	2,628	28	17	19
	19	3,838	3,246	0	248	4,813	0	0	0	2,190	2,936	2,917	0	0	3,004	67	47	19
	20	3,949	3,275	0	248	4,707	0	634	0	3,169	3,198	2,806	0	0	2,678	41	37	21
	21	3,301	3,282	0	248	3,544	0	0	0	3,297	2,981	3,030	0	0	2,599	27	28	26
	22	3,838	3,309	0	248	4,483	0	8	0	2,780	2,471	2,500	0	0	2,712	24	24	18
	23	3,838	3,309	0	459	3,771	0	0	0	2,645	2,704	2,336	0	0	2,439	12	13	20
	24	3,838	3,310	0	595	765	0	650	0	2,744	2,861	3,030	0	0	2,382	25	25	20
	25	3,838	3,274	0	595	2,074	0	18	0	2,786	2,832	2,665	0	0	2,417	0	0	0
	26	3,736	3,213	0	550	5,487	0	0	0	2,051	2,489	2,556	0	0	2,478	52	52	19
	27	3,197	3,174	0	595	5,485	0	558	0	2,038	1,953	1,836	0	0	2,826	36	28	20
	28	3,838	3,277	0	595	2,994	0	0	0	2,975	1,965	1,950	0	0	2,750	39	34	22
	29	3,839	3,276	0	595	2,024	0	0	0	3,136	2,654	2,326	0	0	3,134	21	21	15
	30	3,838	3,276	0	595	1,260	0	0	0	3,075	2,485	2,437	0	0	3,014	19	19	20
	31	3,838	3,276	0	595	4,284	0	0	0	3,355	2,657	2,733	0	0	3,125	0	0	0
Total	125,796	101,334	0	22,020	115,799	0	2,393	0	92,773	89,659	86,960	0	0	84,372	924	860	656	

1/ Values supplied by LADWP, not verified by DWR.

Table 25. Pyramid Lake
Daily Operation

Capacity: 171,200 ac-ft

(in acre-feet except as noted)

March 2007

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow				Outflow				Computed Losses (-) And Gains (+)	
				Project			Natural	Project			Natural		
				Castaic Powerplant Pumpback 1/	Warne Power-plant	Gorman Creek Improve. Channel	Stream Flow	Castaic Powerplant Generation 1/	Recrea-tion Deliveries	To Piru Creek	United Water Agency		
Feb 28	2570.82	160,797											
1	2570.85	160,834	37	0	3,278	536	38	4,300	0	101	0	586	
2	2570.08	159,877	-957	0	3,281	694	36	4,476	0	101	0	-391	
3	2570.85	160,834	957	0	3,279	793	34	3,138	0	94	0	83	
4	2571.21	161,283	449	0	3,284	793	34	3,473	0	45	0	-144	
5	2570.97	160,984	-299	0	3,283	793	33	4,418	0	40	0	50	
6	2571.00	161,021	37	0	3,278	853	31	4,129	0	40	0	44	
7	2571.79	162,008	987	0	3,264	873	31	3,571	0	40	0	430	
8	2571.64	161,820	-188	0	3,292	1,031	32	4,110	0	40	0	-393	
9	2571.88	162,120	300	0	3,286	1,031	32	4,027	0	40	0	18	
10	2573.09	163,640	1,520	0	3,277	1,031	32	2,601	0	40	0	-179	
11	2573.62	164,308	668	0	3,144	992	30	3,264	0	40	0	-194	
12	2573.29	163,892	-416	0	3,275	1,031	30	4,724	0	40	0	12	
13	2573.38	164,005	113	0	3,275	1,031	30	4,278	0	40	0	95	
14	2573.93	164,700	695	0	3,275	1,031	30	3,820	0	40	0	219	
15	2573.69	164,523	-177	0	3,268	1,031	29	4,634	0	40	0	169	
16	2573.59	164,270	-253	0	3,266	1,031	28	4,848	0	37	0	307	
17	2575.30	166,439	2,169	0	3,266	1,031	29	2,363	0	37	0	243	
18	2575.12	166,210	-229	0	3,266	248	30	3,934	0	37	0	198	
19	2573.85	164,599	-1,611	0	3,246	248	29	4,813	0	37	0	-284	
20	2572.86	163,350	-1,249	0	3,275	248	29	4,707	0	37	0	-57	
21	2572.82	163,300	-50	0	3,282	248	30	3,544	0	37	0	-29	
22	2572.00	162,271	-1,029	0	3,309	248	30	4,483	0	37	0	-96	
23	2571.88	162,120	-151	0	3,309	459	29	3,771	0	37	0	-140	
24	2574.30	165,168	3,048	0	3,310	595	29	765	0	37	0	-84	
25	2575.56	166,770	1,602	0	3,274	595	29	2,074	0	37	0	-185	
26	2574.05	164,852	-1,918	0	3,213	550	29	5,487	0	37	0	-186	
27	2572.77	163,237	-1,615	0	3,174	595	32	5,485	0	37	0	106	
28	2573.14	163,703	466	0	3,277	595	34	2,994	0	37	0	-409	
29	2574.68	165,650	1,947	0	3,276	595	32	2,024	0	37	0	105	
30	2576.59	168,087	2,437	0	3,276	595	32	1,260	0	37	0	-169	
31	2576.36	167,792	-295	0	3,276	595	33	4,284	0	37	0	122	
Total				6,995	0	101,334	22,020	966	115,799	0	1,373	0	-153

1/ Values supplied by LADWP, not verified by DWR.

Table 26. Elderberry Forebay

Daily Operation

(in acre-feet except as noted)

Capacity: 32,476 ac-ft

March 2007

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow			Computed Losses (-) And Gains (+)	
				Castaic Powerplant Generation 1/	Natural	Castaic Powerplant Pumpback 1/	To Castaic Lake			
							Natural	Project 1/		
Feb 28	1497.08	14,526								
1	1494.75	13,749	-777	4,300	5	0	5	5,072	-5	
2	1493.98	13,496	-253	4,476	5	0	5	4,725	-4	
3	1490.00	12,228	-1,268	3,138	4	0	4	4,402	-4	
4	1491.36	12,654	426	3,473	4	0	4	3,042	-5	
5	1492.75	13,098	444	4,418	4	0	4	3,971	-3	
6	1499.67	15,413	2,315	4,129	3	0	3	1,811	-3	
7	1509.33	18,927	3,514	3,571	3	0	3	0	-57	
8	1519.28	22,935	4,008	4,110	3	0	3	0	-102	
9	1511.18	19,641	-3,294	4,027	3	0	3	7,311	-10	
10	1516.58	21,806	2,165	2,601	3	0	3	433	-3	
11	1511.98	19,954	-1,852	3,264	3	0	3	5,115	-1	
12	1518.39	22,560	2,606	4,724	3	0	3	2,114	-4	
13	1517.51	22,192	-368	4,278	3	0	3	4,643	-3	
14	1515.82	21,494	-698	3,820	3	0	3	4,515	-3	
15	1516.15	21,630	136	4,634	3	0	3	4,496	-2	
16	1516.94	21,955	325	4,848	2	0	2	4,519	-4	
17	1512.18	20,033	-1,922	2,363	2	0	2	4,285	0	
18	1519.40	22,986	2,953	3,934	2	0	2	978	-3	
19	1523.41	24,714	1,728	4,813	2	0	2	3,082	-3	
20	1511.51	19,770	-4,944	4,707	3	0	3	9,649	-2	
21	1518.76	22,715	2,945	3,544	3	0	3	0	-599	
22	1522.14	24,161	1,446	4,483	3	0	3	3,033	-4	
23	1510.53	19,389	-4,772	3,771	2	0	2	8,540	-3	
24	1512.42	20,127	738	765	2	0	2	0	-27	
25	1517.28	22,096	1,969	2,074	2	0	2	0	-105	
26	1520.21	23,330	1,234	5,487	2	0	2	4,248	-5	
27	1514.44	20,934	-2,396	5,485	2	0	2	7,879	-2	
28	1509.22	18,885	-2,049	2,994	2	0	2	5,039	-4	
29	1514.18	20,829	1,944	2,024	2	0	2	0	-80	
30	1517.13	22,034	1,205	1,260	2	0	2	0	-55	
31	1499.82	15,465	-6,569	4,284	2	0	2	10,848	-5	
Total				939	115,799	87	0	87	113,750	-1,110

1/ Values supplied by LADWP, not verified by DWR.

Table 27. Castaic Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 323,699 ac-ft

March 2007

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow		Computed Losses (-) And Gains (+)	
				From Elderberry Forebay 1/		Natural	Deliveries	Released To Castaic Lagoon		
				Natural	Project					
Feb 28	1464.65	222,160								
1	1466.26	225,088	2,928	5	5,072	11	2,068	0	-92	
2	1467.58	227,503	2,415	5	4,725	9	2,071	0	-253	
3	1468.78	229,709	2,206	4	4,402	7	2,165	0	-42	
4	1469.38	230,817	1,108	4	3,042	6	2,270	0	326	
5	1470.21	232,353	1,536	4	3,971	6	2,042	0	-403	
6	1470.10	232,149	-204	3	1,811	6	2,053	0	29	
7	1469.10	230,299	-1,850	3	0	6	1,869	0	10	
8	1467.98	228,237	-2,062	3	0	6	2,054	0	-17	
9	1470.89	233,617	5,380	3	7,311	6	2,136	0	196	
10	1469.70	231,408	-2,209	3	433	5	2,085	0	-565	
11	1471.30	234,380	2,972	3	5,115	5	1,940	0	-211	
12	1471.21	234,212	-168	3	2,114	5	2,170	0	-120	
13	1472.41	236,453	2,241	3	4,643	5	2,466	0	56	
14	1473.57	238,630	2,177	3	4,515	5	2,350	0	4	
15	1474.73	240,818	2,188	3	4,496	5	2,289	0	-27	
16	1475.97	243,169	2,351	2	4,519	5	2,140	0	-35	
17	1477.09	245,302	2,133	2	4,285	4	2,192	64	98	
18	1476.38	243,949	-1,353	2	978	5	2,179	63	-96	
19	1476.77	244,692	743	2	3,082	5	2,207	63	-76	
20	1480.69	252,229	7,537	3	9,649	5	2,180	63	123	
21	1479.90	250,700	-1,529	3	0	6	2,044	65	571	
22	1480.29	251,454	754	3	3,033	5	2,164	64	-59	
23	1483.50	257,709	6,255	2	8,540	5	2,326	64	98	
24	1482.26	255,283	-2,426	2	0	5	2,408	64	39	
25	1481.14	253,103	-2,180	2	0	5	2,236	64	113	
26	1481.93	254,639	1,536	2	4,248	4	2,398	64	-256	
27	1484.74	260,147	5,508	2	7,879	4	2,428	63	114	
28	1486.22	263,074	2,927	2	5,039	4	2,807	0	689	
29	1485.02	260,700	-2,374	2	0	4	2,374	0	-6	
30	1483.83	258,357	-2,343	2	0	4	2,404	0	55	
31	1488.23	267,078	8,721	2	10,848	4	2,339	0	206	
Total			44,918	87	113,750	167	68,854	701	469	

1/ Values supplied by LADWP, not verified by DWR.

Table 28. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (West Branch)

(In acre-feet)

March 2007

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries							
	Beginning and Ending		Mile			Table A	Article 21	Table A Transfer	Local	Pool A	Other		
	No.	Structure											
29A	42	Oso Pumping Plant	1.49		125,796								
29F	W2	Quail Lake	5.02	Antelope Valley-East Kern Water Agency	Re-moved								
		Quail Lake Embankment	7.82	Antelope Valley-East Kern Water Agency	Stub								
29G		Warne Power Plant	14.07	(Does not Include 22,020 AF of flow through Gorman Creek Imp. Channel)	101,334								
29H	W3	Pyramid Lake		USFS									
				Pyramid Recreation (T300)	0								
	W4	Pyramid Dam	17.10	United WA (T300)	0								
				California State Park Piru Fish (T300)	0								
29J	W4	Castaic Power Plant	25.82	(0 AF pumpback) 2I	115,799								
		Elderberry Forebay											
	W5	Forebay Dam	28.12										
		Castaic Lake		California State Park Castaic Lake Recreation (T301)	0								
30 1/	W5	Castaic Dam	31.47										
		Castaic Lake Outlet	31.55	MWDSC 78" & 132" (T302)	65,974								
	W6			Castaic Lake WA 18", 24" & 54" (T303)	1,263	1,263							
				Castaic Lake WA Rio Vista T.P. (T304)	1,607								
	W6	Castaic Lagoon	31.87	MWD-Ventura Co. WPD (T302)	0	1,607							
					0								
	W6	Castaic Lagoon Outlet	31.87	Releases to Lagoon	701	1,607							
				Reach 30 Subtotal:	68,854		2,870	10,309	0	0	0		
	W6	Castaic Lagoon	31.87	California State Park Recreation to Lagoon (T353)	701								
					224								

1/ Reach 30 actually terminates at mile 31.50. It is shown here as including the outlet works at mile 31.55.

All deliveries from the outlet works and from the Lagoon are billed to Reach 30.

2/ Value Supplied by LADWP, not verified by DWR

3/ SWP/CVP Parks & Recreation

4/ Flexible Withdrawal

Table 29. Silverwood Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 74,970 ac-ft

March 2007

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow					Computed Losses (-) And Gains (+)	Las Flores Ranch Exchange 1/	
							Project		Del. To Mojave W.A.	Natural To Mojave River				
Mojave Siphon Power-plant	Mojave Bypass Flume	Natural Stream Flow	Delivered to CLAWA	Rec.	San Bernardino Tunnel									
Feb 28	3345.19	65,727												
1	3346.88	67,272	1,545	3,746	0	43	3	0	2,258	0	0	17	6	
2	3349.04	69,276	2,004	4,133	0	25	2	0	2,203	0	1	52	6	
3	3350.61	70,752	1,476	3,816	0	23	3	0	2,075	0	0	-285	6	
4	3352.75	72,791	2,039	3,850	0	21	2	1	2,216	0	1	388	6	
5	3352.07	72,140	-651	1,636	0	19	3	0	2,253	0	0	-50	6	
6	3351.15	71,264	-876	2,120	0	18	2	0	2,848	0	1	-163	6	
7	3350.87	70,998	-266	2,699	0	17	3	0	3,037	0	0	58	6	
8	3351.40	71,501	503	3,203	0	15	2	1	2,826	0	0	114	6	
9	3350.16	70,327	-1,174	1,926	0	14	3	0	3,160	0	0	49	6	
10	3350.02	70,195	-132	2,950	0	13	3	0	2,913	0	0	-179	6	
11	3351.29	71,397	1,202	3,712	0	12	3	1	2,764	0	0	246	6	
12	3352.07	72,140	743	3,836	0	10	2	0	3,033	0	1	-67	6	
13	3351.48	71,577	-563	2,536	0	10	3	0	3,024	0	0	-82	6	
14	3350.81	70,941	-636	2,164	0	9	2	1	2,765	0	0	-41	6	
15	3350.45	70,601	-340	2,370	0	8	4	0	2,797	0	0	83	6	
16	3350.02	70,195	-406	2,723	0	8	4	0	3,153	0	1	21	6	
17	3350.36	70,516	321	3,224	0	7	4	0	2,861	0	0	-45	6	
18	3351.06	71,178	662	3,194	0	7	4	0	2,628	0	0	93	6	
19	3351.06	71,178	0	2,917	0	7	4	0	3,004	0	0	84	6	
20	3351.15	71,264	86	2,806	0	7	4	0	2,678	0	1	-44	6	
21	3351.71	71,796	532	3,030	0	14	5	0	2,599	0	0	92	6	
22	3351.32	71,425	-371	2,500	0	12	4	1	2,712	0	1	-165	6	
23	3351.63	71,720	295	2,336	0	10	8	0	2,439	0	0	396	6	
24	3352.13	72,197	477	3,030	0	9	6	0	2,382	0	1	-173	6	
25	3352.52	72,571	374	2,665	0	8	7	0	2,417	0	0	125	6	
26	3352.52	72,571	0	2,556	0	7	7	0	2,478	0	0	-78	6	
27	3351.43	71,530	-1,041	1,836	0	11	3	0	2,826	0	1	-58	6	
28	3350.70	70,837	-693	1,950	0	10	4	0	2,750	0	0	101	6	
29	3349.83	70,016	-821	2,326	0	9	2	0	3,134	0	0	-20	6	
30	3349.27	69,491	-525	2,437	0	8	2	1	3,014	0	1	48	6	
31	3348.82	69,070	-421	2,733	0	6	3	0	3,125	0	0	-32	6	
Total				3,343	86,960	0	397	111	6	84,372	0	10	485	195

1/ Project water delivered from Mojave Siphon in exchange for like amount of Natural Streamflow.

Table 30. Lake Perris

Daily Operation

(in acre-feet except as noted)

Capacity: 131,452 ac-ft

March 2007

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow 1/	Outflow 2/	Computed Losses (-) Gains (+) 1/
Feb 28	1559.59	68,181				
1	1559.62	68,235	54		404	
2	1559.56	68,126	-109		404	
3	1559.62	68,235	109		404	
4	1559.42	67,874	-361		404	
5	1559.59	68,181	307		262	
6	1559.86	68,669	488		204	
7	1559.95	68,827	158		331	
8	1560.03	68,980	153		759	
9	1560.03	68,980	0		898	
10	1560.22	69,326	346		898	
11	1560.05	69,016	-310		860	
12	1559.95	68,832	-184		766	
13	1560.00	68,925	93		720	
14	1560.00	68,925	0		720	
15	1560.16	69,217	292		720	
16	1560.22	69,326	109		720	
17	1560.16	69,217	-109		720	
18	1560.33	69,527	310		720	
19	1560.38	69,618	91		707	
20	1560.47	69,783	165		694	
21	1560.55	69,930	147		704	
22	1560.66	70,131	201		670	
23	1560.66	70,131	0		670	
24	1560.77	70,333	202		670	
25	1560.85	70,480	147		670	
26	1560.91	70,590	110		670	
27	1561.04	70,830	240		670	
28	1561.04	70,830	0		720	
29	1561.10	70,940	110		700	
30	1561.15	71,032	92		700	
31	1561.35	71,402	370		700	
Total		3,221		27,574	19,859	-4,494

1/ Readings are not taken on a daily basis. End of month only.

2/ Includes deliveries to MWD from Reach 28J and recreation water to California State Park at Lake Perris.

Table 31. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (East Branch)

(In acre-feet)

March 2007

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries						
	Beginning and Ending				Table A	Article 21	Table A Transfer	Local	Pool A	Other	
	No.	Structure	Mile								
17E	40	Edmonston Pumping Plant	293.45	224,427							
	41		298.65		KCWA Tej.-Cas	Stub					
17F	41	Check No. 41	303.41								
18A	42		304.99	AVEK WA-Temp for TEA construction (T389)	0						
		Check No. 42	304.99								
18A	43	Alamo Powerplant	305.73	(Includes 2,393 AF generation, 0 AF plant bypass, and 92,773 AF Tehachapi bypass)	95,166	36					
			306.71	AVEK 305th Street West (T287)	36						
19	43		308.05	AVEK 294th Street West (T267)	0						
		Check No. 43	309.70								
19	44		311.84	LADWP Connection	0						
			313.50	AVEK 245th Street West (T269)	0						
19	45	Check No. 44	314.81								
			314.93	AVEK 235th Street West (T270)	0						
19	45		315.57	AVEK 225th Street West (T271)	0						
		Check No. 45	319.74								
19	46		323.19	Antelope Valley-East Kern WA Fairmont (T272)	1,320	1,320					
				Mojave Water Agency Fairmont (T272)	73						
19	46	Check No. 46	323.84								
				Reach 19 Total:	1,393						
20A	47	Check No. 47	326.77								
20A	48		326.91	Antelope Valley-East Kern WA Willow Springs (T273)	29	29					
			329.65	Antelope Valley-East Kern WA 120th Street West	Removed						
20A	49	Check No. 48	330.82								
		Check No. 49	335.93								
20B	50		336.73	Antelope Valley-East Kern WA Quartz Hill (T274)	4,157	4,157					
			339.68	Antelope Valley-East Kern WA Rancho Vista (T275)	95						
20B	50		340.92	AVEK WA-Temp (T387)	3						
		Check No. 50	341.51								
20B	51		342.06	AVEK WA-Temp (T386)	4	4					
		Check No. 51	342.07								
20B	52		342.95	Antelope Valley-East Kern WA 30th Street West (T414)	0	888					
		Check No. 52	343.74								
20B	53		346.98	Palmdale WD (T276) Temp.	1,227	86					
			348.14	Antelope Valley-East Kern WA Acton Treatment Plant (T277)	86						
21	54	Check No. 53	348.17								
			349.52	Palmdale WD (T394) Temp.	8						
21	55	Check No. 54	350.25								
	56	Check No. 55	352.70								
21	57	Check No. 56	354.76								
			354.97	AVEK WA-Delivered through Littlerock Creek ID (T278)	0						
22A	58		354.97	Palmdale WD (T276)	0	42					
			354.97	Palmdale WD (T391)	0						
22A	58	Check No. 57	356.93								
			357.60	AVEK 95th Street East (T279)	0						
22A	58		357.72	AVEK 96th Street East (T280)	42	353					
			359.76	AVEK East Side Treatment Plant (T281)	353						

Table 31. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (East Branch, Continued)

(In acre-feet)

March 2007

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries						
	Beginning and Ending				Table A	Article 21	Table A Transfer	Local	Pool A	Other	
	No.	Structure	Mile								
22B	58	Pearblossom Pumping Plant	360.61		89,659	898	2,292	1/ 195	2/ 6	3/ 2,540	
	59	Check No. 59	366.09								
	60		366.50	AVEK Big Rock Siphon (T368)	0						
	Check No. 60		373.94								
	61	Check No. 61	379.00								
	62	Check No. 62	384.26								
	63		389.20	Mojave Water Agency White Road 24" & 42" (T282)	898						
	Check No. 63										
	64	Check No. 64	395.10								
	65	Check No. 65	400.32								
23	66		401.10	Mojave Water Agency Morongo 24" & 42" (T284)	2,292						
	Check No. 66		403.41								
24	Mojave Siphon		405.58	Las Flores Ranch Exchange	195	71	40	40	8,962	3/ 2,540	
	Mojave Siphon Powerplant		405.65		86,960						
25	Silverwood Lake	407.65	MWA CS DAM (T288)	0	262	3,826	8,469	175	175	425	
			California State Park Silverwood (T288)	6							
26A	San Bernardino Intake Tunnel	407.70	Creastline-Lake Arrowhead WA State Project Water (T289)	71	461	2,154	5/ 202	5/ 202	15,676	6/ 161	
			Non-Project Water (T289)	40							
28G	Devil Canyon Powerplant	412.73		84,372	4022	10,000	0	0	9,764	74,042	
			MWD-Rialto (T292)	0							
28H	Devil Canyon Afterbay Control Structures	412.88	MWD-Rialto (T293)	36,445	12,513	1,531	8,469	425	425	3/ 2,540	
			Desert Water Agency Transfer (T293)	175							
28J	Santa Ana Valley Pipeline	425.46	Coachella Valley WD Transfer (T293)	425	5,374	2,154	5/ 202	5/ 202	15,676	6/ 161	
			MWD EBX-1 (T290)	0							
28H	68	433.06	MWD EBX-1 (T291)	12,557	461	4,022	10,000	0	9,764	74,042	
			East Branch Extension	2,772							
28H	69	440.05	MWD-SC Box Springs (T295)	7,730	18,610	31,210	10,000	0	9,764	74,042	
			MWD-SC Perris Bypass Pipeline (T296)	461							
28J	Lake Perris	442.00	MWD-SC (T297)	161	12,513	1,531	8,469	425	425	3/ 2,540	
			MWD-SC 54" & 78" (T299)	19,698							
28J	69	443.44	Calif. State Park Lake Perris Recreation (T298)	0	5,374	2,154	5/ 202	5/ 202	15,676	6/ 161	
			MWD Total:	143,626							

1/ Project water delivered from Mojave Siphon in exchange for like amount of natural stream flow.

2/ SWP/CVP Parks & Recreation

3/ Arvin Edison Water Bank Recovery

4/ Includes 0 AF to San Gabriel Valley MWD, 2,029 AF to San Bernardino Valley MWD, and 743 AF to San Gorgonio Pass WA.

5/ 143 AF Pool A water delivered to Coachella Valley and 59 AF Pool A water delivered to Desert Water Agency.

6/ Flexible Withdrawal

Table 32. Water Quality At Selected SWP Locations

March 2007

Constituent	Units	Thermalito Afterbay At Outlet	North Bay Aqueduct Barker Slough Pumping Plant	Banks Pumping Plant	Delta Mendota Canal At McCabe Rd.	California Aqueduct				Devil Canyon Afterbay Near San Bernardino
						O'Neill Forebay Outlet (Check 13)	Kettleman City (Check 21)	Near Hwy 119 (Check 29)	Tehachapi Afterbay (Check 41)	
Alkalinity	mg/l as CaCO ₃	37	130	70	86	76	74	75	77	78
Antimony	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NR	NR
Arsenic	mg/l	<0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Beryllium	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Boron	mg/l	<0.1	0.3	0.2	0.2	0.1	0.2	0.2	0.1	0.2
Bromide	mg/l	<0.01	0.06	0.12	0.20	0.20	0.21	0.18	0.17	0.21
Calcium	mg/l	8	22	20	28	22	22	22	24	23
Carbon - Dissolved Organic	mg/l as C	NR	4	5	4	3	4	4	3	4
Carbon - Total Organic	mg/l as C	NR	5	5	4	3	4	4	3	4
Chloride	mg/l	<1	30	43	68	64	63	59	55	74
Chromium	mg/l	<0.001	0.003	0.002	0.002	0.001	0.002	0.002	0.001	<0.001
Copper	mg/l	<0.001	0.002	0.002	0.002	0.001	0.002	0.002	0.002	0.002
Fluoride	mg/l	<0.1	0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Hardness	mg/l as CaCO ₃	32	129	95	132	108	108	104	101	115
Iron	mg/l	<0.005	<0.005	0.041	0.018	0.010	0.019	0.021	0.014	0.019
Lead	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Magnesium	mg/l	3	18	11	15	13	13	12	10	14
Manganese	mg/l	<0.005	0.026	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.009
Nitrate + Nitrite	mg/l as N	<0.01	0.71	0.80	NR	0.76	0.90	0.99	0.93	1.10
Phosphorus-Ortho	mg/l as P	<0.01	0.08	0.05	NR	0.06	0.06	<0.01	0.04	0.06
Phosphorus-Total	mg/l	<0.01	0.13	0.10	NR	0.08	0.11	0.10	0.08	0.11
Selenium	mg/l	<0.001	<0.001	<0.001	0.001	0.001	0.001	0.001	0.001	0.001
Sodium	mg/l	3	38	34	58	49	48	45	41	54
Specific Conductance	µS/cm	78	436	370	532	449	455	440	420	510
Sulfate	mg/l	2	43	38	65	40	45	45	40	48
Total Dissolved Solids	mg/l	52	247	211	302	250	253	250	232	NR
Turbidity	NTU	3	19	10	15	3	8	9	5	1
Zinc	mg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0	<0.005

mg/l milligrams per liter

µg/l micrograms per liter

µS/cm microSiemens per centimeter

NR - Not Reported

NTU - nephelometric turbidity units

Table 33. Water Quality At Selected Delta Stations

March 2007

Date	Antioch Tides (feet above mean sea level)		Flow In CFS		Electrical Conductivity in millisiemens/cm									Cl in mg/l	
			Net Delta Outflow Index		Rio Vista	Antioch	Chippis Island	Emmaton		Jersey Point		Clifton Court	Cache Slough	Delta Mendota Canal	
	Highest High Tide	Actual High Half Tide	Mean Daily	Monthly Average				md	md	md	14dm	md	14dm	md	md
1	5.62	NR	36,772	36,772	31,477	0.25	0.19	0.17	0.18	0.24	0.24	0.45	0.51	0.53	47
2	5.38	NR	36,070	36,421	31,451	0.24	0.16	0.29	0.21	0.23	0.24	0.42	0.57	0.53	48
3	5.22	3.37	33,348	35,397	29,868	0.23	0.14	0.15	0.20	0.23	0.24	0.41	0.62	0.50	48
4	5.08	3.47	28,968	33,789	27,619	0.22	0.13	0.14	0.19	0.22	0.24	0.39	0.67	0.49	44
5	5.10	3.65	25,693	32,170	25,169	0.21	0.00	0.15	0.18	0.22	0.23	0.42	0.72	0.46	42
6	5.27	3.67	23,609	30,743	23,777	0.21	0.00	0.15	0.18	0.21	0.23	0.43	0.74	0.46	41
7	5.36	3.76	21,932	29,484	22,507	0.20	0.00	0.14	0.17	0.28	0.23	0.48	0.76	0.46	41
8	5.35	3.64	19,058	28,181	20,150	0.20	0.00	0.15	0.17	0.21	0.23	0.47	0.79	0.46	40
9	5.39	3.59	16,679	26,903	18,102	0.20	0.14	0.15	0.17	0.21	0.23	0.44	0.81	0.46	37
10	5.27	3.51	15,214	25,734	16,891	0.20	0.14	0.15	0.17	0.21	0.23	0.46	0.82	0.48	36
11	5.26	3.59	14,045	24,672	15,944	0.19	0.16	0.16	0.17	0.21	0.23	0.41	0.81	0.47	36
12	5.33	3.66	13,429	23,735	15,438	0.19	0.43	0.16	0.17	0.21	0.23	0.39	0.81	0.48	35
13	5.61	3.90	12,963	22,906	14,388	0.19	1.35	0.17	0.17	0.21	0.22	0.37	0.80	0.45	34
14	5.65	3.92	12,177	22,140	13,818	0.21	1.90	0.18	0.17	0.21	0.22	0.36	0.80	0.44	31
15	5.69	3.81	11,978	21,462	13,517	0.25	1.57	0.18	0.17	0.20	0.22	0.36	0.84	0.45	32
16	5.66	3.72	11,896	20,864	13,451	0.29	1.87	0.18	0.16	0.21	0.22	0.35	0.94	0.47	30
17	4.98	NR	11,380	20,307	13,264	0.32	2.14	0.19	0.16	0.21	0.22	0.35	0.92	0.44	28
18	NR	NR	10,710	19,773	12,651	0.37	2.06	0.19	0.16	0.21	0.22	0.37	0.92	0.44	27
19	5.41	NR	9,774	19,247	12,487	0.42	1.95	0.20	0.17	0.21	0.21	0.42	0.93	0.48	25
20	5.71	3.81	9,588	18,764	12,067	0.44	2.43	0.20	0.17	0.21	0.21	0.50	0.93	0.46	28
21	5.82	3.66	10,451	18,368	12,274	0.42	1.77	0.20	0.18	0.22	0.21	0.46	0.94	0.43	27
22	5.96	3.79	11,454	18,054	12,662	0.44	2.04	0.20	0.18	0.23	0.21	0.47	0.88	0.45	23
23	6.16	3.84	10,865	17,741	12,023	0.49	2.31	0.22	0.18	0.24	0.21	0.45	0.84	0.45	24
24	6.15	3.81	10,390	17,435	11,691	0.53	2.63	0.24	0.19	0.24	0.22	0.40	0.82	0.46	23
25	5.40	3.56	10,199	17,146	11,490	0.55	2.74	0.24	0.20	0.24	0.22	0.40	0.80	0.48	24
26	5.11	3.45	9,410	16,848	11,098	0.52	1.74	0.24	0.20	0.25	0.22	0.74	0.79	0.49	22
27	4.38	3.17	9,771	16,586	10,937	0.51	1.23	0.23	0.21	0.25	0.22	0.34	0.78	0.51	23
28	2.91	1.40	9,841	16,345	10,937	0.40	0.59	0.21	0.21	0.24	0.23	0.33	0.74	0.51	23
29	4.37	2.14	10,474	16,143	11,599	0.39	0.56	0.21	0.21	0.23	0.23	0.34	0.73	0.52	23
30	3.82	2.23	10,978	15,971	11,625	0.42	0.73	0.20	0.21	0.24	0.23	0.37	0.65	0.48	22
31	3.78	2.27	11,776	15,835	12,534	0.43	1.23	0.20	0.21	0.24	0.23	0.41	0.70	0.51	22

Clifton Court Cl(mg/l)=200X EC - 25

e = Estimated

N.R. = No Record.

N.C. = Not computed due to insufficient data.

f = Excess Delta conditions with fish concerns.

r = Excess delta conditions with export/inflow ratio concerns.

s = Balanced water conditions with storage withdrawals.

dm = Daily Mean

md = Mean Daily

Table 34. Pesticides, Herbicides, and Other Organic Substances Detected In the SWP

Sampling Location	Sample Date 1/	Chemical Detected	Concentration µg/l 2/	March 2007
North Bay Aqueduct At Barker Slough Pumping Plant	March 21, 2007	Diuron Simazine	0.81 0.16	
California Aqueduct At Banks Pumping Plant	March 21, 2007	Diuron Simazine	0.81 0.12	
O'Niell Forebay Outlet Check 13	March 21, 2007	Diuron Simazine	0.69 0.1	
Delta Mendota Canal At McCabe Road	March 21, 2007	Simazine Diuron	0.13 2.35	
California Aqueduct Near Kettleman City (Check 21)	March 20, 2007	Diuron Simazine	1.25 0.12	
California Aqueduct At Near Highway 119 (Check 29)	March 20, 2007	Simazine Diuron	0.12 1.2	
California Aqueduct at Tehachapi Afterbay (Check 41)	March 28, 2007	Simazine Diuron	0.1 0.99	
California Aqueduct At Devil Canyon Headworks	March 26, 2007	Diuron Simazine	1.36 0.07	

1/ Locations are normally sampled during March, June, and September. Monthly reports will include data for the month in which samples were most recently taken.

2/ Micrograms per liter.

Table 35. Oroville and Delta Field Divisions Energy Data

(in kWh)

March 2007

Date	Oroville Thermalito Complex		Barker Slough Pumping Plant	Cordelia Pumping Plant Load	Banks Pumping Plant		South Bay Pumping Plant Load	Del Valle Pumping Plant Load
	Generation	Load			Total Load	SWP Load		
1	15,265,760	0	16,180	30,110	1,355,060	1,355,060	100,180	810
2	13,497,460	0	20,600	32,830	1,655,630	1,655,630	138,310	810
3	11,292,490	0	20,380	32,930	1,659,180	1,659,180	178,340	810
4	6,940,690	750	18,930	32,960	1,778,200	1,778,200	218,740	800
5	9,184,890	0	16,510	30,630	1,606,460	1,606,460	248,190	800
6	11,983,000	340	16,870	35,380	1,619,370	1,619,370	313,060	4,510
7	1,761,650	460	16,730	36,000	1,914,900	1,914,900	364,160	9,600
8	3,228,590	0	19,930	38,920	1,978,140	1,978,140	398,780	7,970
9	3,852,230	0	16,790	37,080	2,099,880	2,099,880	453,510	7,590
10	3,074,870	0	18,400	38,330	1,813,830	1,813,830	457,030	12,820
11	2,674,400	0	18,990	37,120	1,745,780	1,745,780	448,870	9,440
12	7,280,890	0	20,850	40,800	1,818,380	1,818,380	468,470	11,290
13	6,031,470	0	24,160	43,580	1,449,900	1,449,900	360,460	4,970
14	3,756,510	0	18,940	39,390	1,415,760	1,415,760	390,740	3,840
15	5,674,570	0	20,590	41,130	1,379,140	1,379,140	384,790	3,990
16	2,969,950	0	13,770	21,680	1,542,620	1,542,620	421,410	3,730
17	2,316,880	0	13,860	23,350	1,380,170	1,380,170	444,680	6,080
18	490,940	0	13,760	25,020	1,414,580	1,414,580	424,770	6,800
19	3,147,490	0	3,190	7,230	1,817,050	1,817,050	438,130	8,410
20	2,344,400	0	460	520	1,638,120	1,638,120	450,110	9,820
21	1,186,790	5,510	460	520	1,560,660	1,560,660	456,830	13,480
22	1,596,280	1,299,220	300	530	1,743,120	1,743,120	447,520	14,930
23	2,624,270	1,224,590	460	530	1,712,480	1,712,480	486,070	9,820
24	1,518,520	1,437,790	480	520	1,727,230	1,727,230	534,960	16,910
25	1,247,100	1,399,310	480	520	1,727,560	1,727,560	535,320	19,390
26	2,369,840	1,431,520	120	510	1,862,840	1,862,840	526,570	17,970
27	1,637,460	1,433,240	0	480	1,932,940	1,932,940	385,150	9,360
28	6,091,650	1,042,100	0	490	1,904,510	1,904,510	322,730	1,040
29	8,338,250	1,390	0	500	1,912,630	1,912,630	466,860	9,290
30	2,413,730	974,610	6,100	3,280	1,432,080	1,432,080	522,290	18,870
31	1,777,210	0	450	550	1,679,640	1,679,640	487,070	19,950
Total	147,570,230	10,250,830	338,740	633,420	52,277,840	52,277,840	12,274,100	265,900

Table 36. San Luis Field Division Energy Data

(in kWh)

March 2007

Date	Dos Amigos Pumping Plant		Gianelli Pumping-Generating Plant			
	Total Load	SWP Load 1/	Total Generation	SWP Generation 1/	Total Load	SWP Load 1/
1	1,852,730	1,372,730	1,051,960	1,051,960	1,523,190	419,190
2	1,727,310	1,247,310	2,074,090	2,074,090	1,026,090	-1,910
3	1,783,980	1,303,980	1,603,920	1,603,920	621,210	21,210
4	1,747,520	1,267,520	0	0	19,750	19,750
5	1,462,430	982,430	1,185,250	1,185,250	11,340	11,340
6	1,860,140	1,380,140	1,268,810	1,268,810	1,241,530	441,530
7	1,757,330	1,277,330	1,130,160	1,130,160	1,157,050	457,050
8	1,989,690	1,509,690	800,520	800,520	900,600	500,600
9	1,999,500	1,519,500	1,129,710	1,129,710	828,020	28,020
10	1,923,170	1,443,170	1,287,530	1,287,530	827,670	27,670
11	1,863,260	1,403,260	1,004,860	1,004,860	759,210	159,210
12	1,684,300	1,204,300	1,392,280	1,392,280	519,320	19,320
13	1,940,570	1,460,570	1,374,460	1,374,460	628,100	28,100
14	2,003,700	1,523,700	1,188,680	1,188,680	11,700	11,700
15	1,955,090	1,475,090	1,276,450	1,276,450	618,100	18,100
16	2,101,190	1,621,190	2,455,750	2,455,750	814,180	14,180
17	2,056,560	1,576,560	2,310,250	2,310,250	818,110	18,110
18	2,085,780	1,605,780	1,658,870	1,658,870	828,010	28,010
19	1,556,900	1,076,900	1,958,010	1,958,010	26,620	26,620
20	2,059,040	1,579,040	1,865,730	1,865,730	7,410	7,410
21	1,552,750	1,072,750	875,450	875,450	7,610	7,610
22	1,649,140	1,169,140	691,090	691,090	1,629,020	1,005,020
23	1,548,920	1,068,920	1,542,060	1,542,060	1,318,750	1,006,750
24	1,488,980	1,008,980	1,172,820	1,172,820	1,322,640	1,010,640
25	1,458,090	978,090	1,231,100	1,231,100	1,089,710	777,710
26	1,216,910	736,910	1,390,880	1,390,880	1,438,590	1,438,590
27	1,187,320	707,320	692,150	692,150	1,208,550	1,208,550
28	1,520,430	1,040,430	880,250	880,250	1,098,550	1,098,550
29	1,571,700	1,091,700	918,100	918,100	1,193,910	1,193,910
30	1,780,880	1,300,880	1,900,880	1,900,880	1,083,270	1,083,270
31	1,674,630	1,194,630	1,659,860	1,659,860	1,073,640	1,073,640
Total	54,059,940	39,199,940	40,971,930	40,971,930	25,651,450	13,159,450

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

Table 37. San Joaquin Field Division Pumping Plant Energy Load Data

(in kWh)

March 2007

Date	Coastal Branch					California Aqueduct			
	Las Perillas	Badger Hill	Devil's Den	Bluestone	Polonio	Buena Vista	Teerink	Chrisman	Edmonston
1	13,570	32,620	29,030	27,550	29,360	2,041,480	2,223,440	4,924,300	18,258,910
2	16,510	44,920	33,090	31,070	33,880	1,915,940	2,130,530	4,719,370	17,729,360
3	14,590	39,810	44,190	41,230	45,900	1,880,650	2,109,940	4,717,090	17,683,950
4	11,350	28,330	37,850	33,650	36,330	1,868,100	2,164,540	4,813,910	17,831,340
5	8,760	22,800	35,540	33,270	35,510	1,657,660	1,854,410	4,104,910	15,375,500
6	14,390	34,330	42,820	40,000	43,830	1,945,590	2,032,890	4,498,690	16,874,950
7	24,890	65,880	46,050	43,310	47,330	1,751,570	1,971,850	4,353,290	16,238,530
8	23,230	61,160	68,520	66,300	69,370	1,710,300	1,884,750	4,125,200	15,146,300
9	21,180	56,840	71,940	69,860	71,300	1,808,840	1,952,690	4,306,430	16,035,790
10	27,690	74,430	73,040	69,200	73,640	1,840,420	2,058,890	4,535,940	16,849,940
11	11,740	31,560	54,920	52,240	56,360	2,019,220	2,179,980	4,834,630	18,009,130
12	10,970	24,200	47,320	45,500	48,250	1,905,250	2,105,740	4,649,130	17,676,760
13	20,170	53,120	60,540	57,880	61,670	1,990,470	2,199,590	4,788,770	17,405,930
14	18,970	49,750	60,130	57,480	61,510	1,710,040	1,839,250	4,037,260	14,541,230
15	17,070	42,740	62,250	59,510	62,520	1,975,650	2,181,720	4,679,660	17,472,540
16	15,100	38,790	63,530	60,790	64,440	2,028,940	2,211,830	4,796,780	17,822,480
17	26,460	68,810	86,540	81,660	86,670	2,001,910	2,204,090	4,812,280	17,818,510
18	24,420	63,200	57,650	53,950	59,240	1,990,630	2,259,180	4,980,830	18,766,000
19	12,130	29,870	40,670	38,790	41,400	1,736,120	1,948,340	4,272,590	15,879,080
20	14,300	39,470	47,610	44,680	46,980	1,827,770	1,949,950	4,159,840	15,388,140
21	28,430	74,430	62,580	59,490	63,180	1,748,400	1,946,590	4,278,990	15,795,300
22	20,340	53,460	62,260	60,100	63,210	1,742,020	1,946,840	4,301,220	16,080,200
23	15,030	39,050	58,440	55,810	58,800	1,650,800	1,898,670	4,181,760	15,356,570
24	22,560	60,590	71,830	67,690	72,490	1,725,660	1,948,890	4,297,880	15,872,950
25	19,620	53,860	67,600	63,140	68,900	1,691,920	1,946,040	4,278,320	15,642,830
26	16,040	39,940	48,090	46,080	49,500	1,483,660	1,695,090	3,715,540	13,953,760
27	25,300	65,930	61,300	58,290	61,020	1,257,900	1,431,880	3,114,890	11,023,340
28	28,020	78,310	52,830	50,040	54,210	1,700,970	1,936,460	4,213,560	15,899,980
29	24,580	63,530	54,340	52,470	55,270	1,722,990	1,944,340	4,230,620	15,557,860
30	30,470	77,630	77,150	73,400	75,750	1,718,170	1,942,160	4,242,640	15,692,020
31	42,420	113,420	81,100	77,320	82,250	1,731,950	1,947,020	4,231,930	15,733,580
Total	620,300	1,622,780	1,760,750	1,671,750	1,780,070	55,780,990	62,047,580	136,198,250	505,412,760

Table 38. Southern Field Division Energy Data

(in kWh)

March 2007

Date	West Branch			East Branch				East Branch Extension		
	Oso Pumping Plant Load	Warne Powerplant Generation	Castaic Powerplant SWP Generation /1	Alamo Powerplant Generation	Pearblossom Pumping Plant Load	Devil Canyon Powerplant Generation	Mojave Siphon Powerplant Generation	Green Spot Pumping Plant	Crafton Hills Pumping Plant	Cherry Valley Pumping Plant
1	1,134,970	1,848,020	4,032,000	1,335	2,656,171	2,773,675	307,555	23,944	32,077	516
2	1,015,653	1,849,660	4,032,000	0	2,640,658	2,715,447	311,333	24,121	32,503	469
3	972,327	1,845,970	4,032,000	0	2,752,961	2,568,374	294,620	8,161	10,418	403
4	960,337	1,843,300	4,032,000	0	2,443,310	2,740,131	290,971	16,539	21,193	394
5	1,250,317	1,842,060	4,272,000	0	1,126,810	2,732,021	113,281	33,412	43,794	403
6	1,360,485	1,845,540	4,272,000	0	1,504,955	3,420,283	156,379	32,577	42,028	431
7	1,248,178	1,845,110	4,440,000	0	1,768,993	3,634,276	206,547	16,912	21,580	3,104
8	1,048,693	1,859,510	4,440,000	0	2,054,347	3,413,894	245,649	24,396	32,186	2,195
9	855,020	1,852,260	4,440,000	38,232	1,534,716	3,803,056	147,439	23,758	31,838	413
10	1,098,099	1,843,410	4,440,000	0	1,960,279	3,563,538	230,686	12,571	15,855	422
11	1,052,307	1,766,470	4,255,000	0	2,439,651	3,318,720	285,641	17,708	22,224	413
12	1,098,050	1,840,460	4,320,000	0	2,629,870	3,665,318	291,644	33,225	43,486	450
13	1,187,307	1,837,350	4,320,000	0	1,608,704	3,671,648	185,107	30,289	39,974	460
14	1,108,436	1,835,760	4,320,000	0	1,730,877	3,360,611	154,440	15,920	21,113	3,648
15	1,128,970	1,827,190	4,320,000	11,620	1,644,776	3,376,216	181,023	15,989	21,074	1,276
16	1,261,950	1,822,650	4,320,000	0	2,071,236	3,812,470	203,659	25,918	25,419	469
17	1,204,604	1,822,330	4,320,000	0	2,204,666	3,476,088	250,030	13,956	10,120	460
18	1,262,881	1,824,930	4,320,000	0	2,016,371	3,156,210	252,087	18,719	15,061	422
19	1,005,297	1,820,380	3,432,000	69,442	1,963,041	3,617,979	219,680	42,958	39,230	403
20	1,032,931	1,837,180	3,432,000	0	2,137,228	3,269,650	208,525	28,924	31,342	403
21	864,446	1,839,980	3,432,000	0	2,022,463	3,188,074	235,641	17,531	22,701	3,517
22	1,005,891	1,848,480	3,432,000	0	1,712,014	3,283,890	189,191	15,449	20,071	1,004
23	1,006,327	1,848,630	3,432,000	72,023	1,874,895	3,013,746	173,101	8,594	10,934	413
24	1,007,139	1,847,910	3,432,000	0	1,940,010	2,926,968	231,458	16,490	20,875	413
25	1,007,119	1,831,610	3,432,000	0	1,920,828	2,981,982	196,371	1,336	496	403
26	981,376	1,804,560	3,144,000	59,761	1,682,403	3,017,959	185,730	32,607	43,348	403
27	841,149	1,788,700	3,432,000	0	1,331,555	3,414,399	133,129	23,041	22,830	394
28	1,011,030	1,831,240	3,432,000	0	1,337,238	3,325,158	146,292	24,946	28,812	2,992
29	1,010,446	1,832,540	3,432,000	0	1,813,639	3,772,300	169,877	13,769	17,968	403
30	1,009,792	1,831,710	3,432,000	0	1,695,503	3,645,876	177,700	12,758	15,875	394
31	1,009,307	1,829,770	3,432,000	0	1,799,103	3,766,317	213,252	12,925	15,894	413
Total	33,040,832	56,844,670	121,255,000	252,413	60,019,272	102,426,276	6,588,034	639,442	772,319	27,903

/1 Energy delivered to SWP by LADWP at Sylmar substation; not necessarily related to actual Castaic operations